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1991  
Jan-Mar

# NATIONAL INSTITUTES OF HEALTH

## NEW GRANTS AND AWARDS

Arranged by State, City and Institution

LIBRARY  
JUL 8 - 1991  
National Institutes of Health

Announced during

JANUARY, FEBRUARY, MARCH 1991

DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service

May 1991



DIVISION OF RESEARCH GRANTS

Jerome G. Green, M.D.  
Director

INFORMATION SYSTEMS BRANCH

Nicholas J. Suszynski, Jr.  
Associate Director for Information Systems

Advanced Projects Section  
Judy W. White, Chief

Data Management and Control Section  
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Dolly A. Sparkman, Chief

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National Institutes of Health

U.S. NIH NEW GRANTS AND AWARDS

JANUARY, FEBRUARY, MARCH 1991

Department of Health and Human Services  
Public Health Service





PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

INFORMATION SYSTEMS BRANCH



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# ACTIVITY CODES

C06	CANCER RESEARCH CENTER	P01	RESEARCH PROGRAM PROJECTS
		P20	EXPLORATORY GRANTS
D42	HAZARDOUS WASTE WORKER HEALTH/SAFETY TRAINING GRANT	P30	CENTER CORE GRANTS
D43	INTERNATIONAL TRAINING GRANT IN EPIDEMIOLOGY	P40	ANIMAL RESOURCE GRANT PROGRAM (NCRR)
		P41	BIOTECHNOLOGY RESOURCE GRANT PROGRAM
F05	INTERNATIONAL FELLOWSHIPS (NIC)PS (FIC)	P50	SPECIALIZED CENTER
F06	SENIOR INTERNATIONAL FELLOWSHIPS (FIC)	P51	PRIMATE RESEARCH CENTER GRANTS (NCRR)
F15	FOGARTY INTERNATIONAL FELLOWSHIPS (FIC)	P60	COMPREHENSIVE CENTER
520	FRENCH, SWISS, SWEDISH, POSTDOCTORAL FELLOWSHIPS		
F31	PREDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD	R01	RESEARCH PROJECT GRANTS--TRADITIONAL
F32	POSTDOCTORAL INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD	R03	SMALL RESEARCH GRANTS
F33	NATIONAL RESEARCH SERVICE AWARD FOR SENIOR FELLOWS	R13	CONFERENCES (TRADITIONAL)
F34	MARC (NRSA) FACULTY FELLOWSHIPS (NIGMS)	R15	ACADEMIC RESEARCH ENHANCEMENT AWARDS (AREA)
F35	INTRAMURAL NRSA INDIVIDUAL POSTDOCTORAL PROGRAM APPOINTEE	R18	RESEARCH DEMONSTRATION & DISSEMINATION PROJECTS
F36	MARC VISITING SCIENTIST FELLOWSHIPS (NIGMS)	R21	EXPLORATORY/DEVELOPMENTAL GRANTS
		R22	U.S.-JAPAN COOPERATIVE MEDICAL SCIENCE PROGRAM
G07	RESOURCES IMPROVEMENT GRANT (NLM)	R24	RESOURCE-RELATED RESEARCH PROJECTS
G08	RESOURCES PROJECT GRANT (NLM)	R25	EDUCATIONAL PROJECTS
G12	RESEARCH CENTERS IN MINORITY INSTITUTIONS AWARD	R26	NATIONAL ORGAN SITES PROJECT (NCI) OR AWARDS
G20	GRANTS FOR REPAIR, RENOVATION, AND MODERNIZATION	R29	FIRST INDEPENDENT RESEARCH SUPPORT & TRANSITION (FIRST) AWARD
		R35	OUTSTANDING INVESTIGATOR GRANTS
		R37	METHOD TO EXTEND RESEARCH IN TIME (MERIT) AWARDS
K01	RESEARCH SCIENTIST DEVELOPMENT AWARD-RESEARCH & TRAINING	R43	SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE I
K04	MODIFIED RESEARCH CAREER DEVELOPMENT AWARD	R44	SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE II
K07	ACADEMIC INVESTIGATOR AWARD		
K08	CLINICAL INVESTIGATOR AWARD	S03	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM (NCRR)
K10	SPECIAL SCIENTIFIC PROJECTS (NLM)	S06	MINORITY BIOMEDICAL SUPPORT--MBS (NCRR)
K11	PHYSICIAN SCIENTIST AWARD (PROGRAM)	S07	BIOMEDICAL RESEARCH SUPPORT GRANT (NCRR)
K12	PHYSICIAN SCIENTIST AWARD (INDIVIDUAL)	S10	BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS (NCRR)
K14	MINORITY SCHOOL FACILITY DEVELOPMENT AWARD	S14	MINORITY BIOMEDICAL RESEARCH SUPPORT GRANT PROGRAM FOR UNDERGRADUATE COLLEGES (NCRR)
K16	DENTIST SCIENTIST AWARD (PROGRAM)	S15	SMALL INSTRUMENTATION PROGRAM
M01	GENERAL CLINICAL RESEARCH CENTERS		
		T32	INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD
M01	RESEARCH AND PROJECTS CONTRACTS	T34	MARC UNDERGRADUATE NSA INSTITUTIONAL GRANTS TRAINING
N44	SMALL BUSINESS INNOVATION RESEARCH (SBIR)-PHASE I	U01	RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
N44	SMALL BUSINESS INNOVATION RESEARCH (SBIR)-PHASE II	U10	COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)



# ADMINISTERING ORGANIZATIONAL CODES

AG	National Institute on Aging
AI	National Institute of Allergy and Infectious Diseases
AR	National Institute of Arthritis and Musculoskeletal and Skin Diseases
CA	National Cancer Institute
CB	Division of Cancer Biology and Diagnosis
CM	Division of Cancer Treatment
CN	Division of Cancer Prevention and Control
CO	Office of the Director, NCI
CP	Division of Cancer Etiology
CL	Clinical Center
CT	Division of Computer Research and Technology
DC	National Institute on Deafness and Other Communication Disorders
DE	National Institute of Dental Research
DK	National Institute of Diabetes and Digestive and Kidney Diseases
ES	National Institute of Environmental Health Sciences
EY	National Eye Institute
GM	National Institute of General Medical Sciences
HD	National Institute of Child Health and Human Development
HG	National Center for Human Genome Research
HL	National Heart, Lung, and Blood Institute
HB	Division of Blood Diseases and Resources
HC	Division of Epidemiology and Clinical Applications
HI	Division of Intramural Research
HO	Office of the Director, NHLBI
HR	Division of Lung Diseases
HV	Division of Heart and Vascular Diseases
LM	National Library of Medicine
OD	Office of the Director, NIH
DS	Division of Safety
NR	National Center for Nursing Research
NS	National Institute of Neurological Disorders and Stroke
RG	Division of Research Grants
RR	National Center for Research Resources
RS	Division of Research Services
TW	Fogarty International Center

**GRANTS AND AWARDS ANNOUNCED DURING JANUARY, FEBRUARY & MARCH 1991**

ICD	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AG	63	12,700,628	5	385,059	2	1,271,446	3	336,301	1	21,600	0	0	0	0
AI	93	15,735,426	2	143,146	6	7,833,285	1	81,950	15	422,700	0	0	0	0
AR	56	8,871,846	5	326,417	1	182,245	0	0	5	139,200	0	0	0	0
CA	123	19,441,432	3	237,335	0	0	1	81,792	16	398,400	3	5,009,950	0	0
CM	0	0	0	0	1	157,482	0	0	0	0	0	0	0	0
CO	0	0	0	0	23	1,642,416	0	0	0	0	0	0	0	0
CP	0	0	0	0	6	2,029,755	0	0	0	0	0	0	0	0
DC	36	3,108,515	3	213,110	1	345,092	0	0	7	180,800	0	0	0	0
DE	45	5,536,671	6	430,745	0	0	2	22,248	4	119,800	0	0	0	0
DK	40	6,740,783	8	677,639	0	0	0	0	17	456,900	0	0	0	0
ES	24	3,690,767	0	0	4	2,091,899	1	13,905	16	383,500	0	0	0	0
EY	36	3,873,477	1	86,784	0	0	0	0	16	361,733	0	0	0	0
GM	112	15,418,045	0	0	0	0	2	111,840	52	1,180,966	0	0	0	0
HB	0	0	0	0	2	482,705	0	0	0	0	0	0	0	0
HD	77	10,641,109	8	550,979	6	1,994,858	0	0	20	489,100	0	0	0	0
HG	29	9,933,441	1	65,610	0	0	5	288,641	1	22,700	0	0	0	0
HL	132	21,274,826	3	199,502	0	0	0	0	29	788,242	0	0	0	0
LM	1	110,717	0	0	6	791,414	0	0	0	0	0	0	1	16,065
NR	7	1,843,367	1	74,539	0	0	0	0	3	38,400	0	0	0	0
NS	62	9,361,674	14	1,052,194	0	0	1	35,900	14	331,100	0	0	0	0
RR	85	12,735,362	1	67,889	0	0	0	0	0	0	0	0	0	0
TW	0	0	0	0	0	0	0	0	50	1,378,490	0	0	0	0
	1,021	161,018,086	61	4,510,948	58	18,822,597	16	972,577	266	6,713,631	3	5,009,950	1	16,065

\*INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS





NIH RESEARCH GRANTS			DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		
ALABAMA BIRMINGHAM SECRETTECH, INC. 1R43 AI31008-01	MOLDOVEANUA, ZINA	NEW STRATEGIES FOR IMMUNIZATION AGAINST INFLUENZA VIRUS	50,000	
INSTITUTION TOTAL	1		50,000	
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM				
1R01 HL46407-01	BECKMAN, JOSEPH S	ROLE OF NITRIC OXIDE IN SUPEROXIDE-MEDIATED PATHOLOGY	138,302	
1R03 DC01207-01	BRAY, NORMAN W, JR	SEMANTIC COMPACTION SKILLS OF CHILDREN WITH CP	33,850	
1R01 AI31114-01	DYBVIG, KEVIN F	GENETIC RECOMBINATION IN MYOPLASMAS	104,731	
1R01 DE09837-01	KIYONO, HIROSHI	SALIVARY IGA RESPONSE--REGULATION BY TH1 AND TH2 CELLS	130,348	
1R01 NS29436-01	NUSBAUM, MICHAEL P	PRESYNAPTIC CONTROL OF NEURAL NETWORK MODULATION	114,166	
1R01 HD28119-01	TAMURA, TSUNENOBU	FUNCTIONAL TEST OF ZN NUTRITURE BY ZN STIMULATION OF ACE	83,780	
1R01 HD25310-01A2	WALLANDER, JAN L	MENTALLY RETARDED ADOLESCENTS' STRESS AND COPING	96,674	
INSTITUTION TOTAL	7		701,851	
CITY TOTAL	8		751,851	
MOBILE				
UNIVERSITY OF SOUTH ALABAMA				
1S10 RR06520-01	HESTER, RAYMOND B	ACAS 570 ANCHORED CELL ANALYZER AND SORTER	293,000	
1S07 RR07264-01	STEPHEN, THOMAS J	BIOMEDICAL RESEARCH SUPPORT GRANT	5,000	
INSTITUTION TOTAL	2		298,000	
CITY TOTAL	2		298,000	
TUSCALOOSA				
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA				
1R01 GM44713-01	CAVA, MICHAEL P	SYNTHESIS OF NOVEL MARINE HETEROCYCLES	139,869	
1R01 GM43292-01	TIMKOVICH, RUSSELL	STRUCTURE OF CYTOCHROMES	80,653	
INSTITUTION TOTAL	2		220,522	
CITY TOTAL	2		220,522	
STATE TOTAL	12		1,270,373	
ARIZONA				
PHOENIX				
HARRINGTON ARTHRITIS RESEARCH CENTER				
1R01 AR40558-01A1	KOENEMAN, JAMES B	TESTING OF ADAPTIVE BONE CHANGE HYPOTHESES	92,530	
INSTITUTION TOTAL	1		92,530	
CITY TOTAL	1		92,530	

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

ARIZONA  
TEMPE

ARIZONA STATE UNIVERSITY

1R01 AI30349-01A1 JACOBS, BERTRAM L

1R01 NS27951-01A1 SATTERLIE, RICHARD A

INSTITUTION TOTAL

2

239,341

CITY TOTAL

2

239,341

MECHANISM OF ACTION OF INTERFERON AGAINST HIV  
PERIPHERAL MODULATION OF SWIMMING SPEED

133,960  
105,381

TUCSON  
KENSAL CONSULTING

1R43 GM44424-01A1

PRESTON, KENDALL, JR

INSTITUTION TOTAL

1

46,625

REAL-TIME VLSI CHIP FOR 3-D SURFACE RENDERING FOR CT & M

46,625

UNIVERSITY OF ARIZONA

1R01 GM45288-01

ADAMS, ALISON E M

1R03 RR06845-01

BARRETT, HARRISON H

1R35 CA53877-01

BARTELS, PETER H

1R01 AI31075-01

CUPP, EDDIE W

1R01 AR40835-01

KOSHLAND, GAIL F

1R03 DC01210-01

MC MULLEN, NATHANIEL T

1S10 RR06736-01

PHILLIPS, LINDA R

1R29 EY09355-01

REGAN, JOHN W

1R01 HD27628-01

SALOMON, GAVRIEL

1R03 EY09202-01

SNYDER, ROBERT W

1S07 RR06044-01

TIPTON, CHARLES M

1R29 GM44876-01A1

VAN HEUSDEN, MIRANDA C

1

INSTITUTION TOTAL

12

1,107,786

MOLECULAR ANALYSIS OF THE YEAST ACTIN CYTOSKELETON  
MULTIPLEXED ACOUSTIC MICROSCOPY  
KNOWLEDGE BASED SYSTEMS FOR DIAGNOSTIC HISTOPATHOLOGY  
THE ROLE OF BLACK FLY SALIVA IN PARASITE TRANSMISSION  
MUSCLE ACTIVITY AT ONSET OF HUMAN THREE-JOINT MOVEMENT  
EXCITATORY & INHIBITORY CIRCUITS IN AUDITORY NEOCORTEX  
RESEARCH DATA ACQUISITION & MANAGEMENT NETWORK  
CLONING AND MUTAGENESIS OF A2 - ADRENERGIC RECEPTORS  
CULTIVATING METACOGNITIONS USING COMPUTER TOOLS  
TPA ACTIVITY IN STEROID RESPONSE GLAUCOMA  
BIOMEDICAL RESEARCH SUPPORT GRANT  
LIPID TRANSFER PROCESSES USING AN INSECT MODEL

129,970  
52,129  
188,827  
152,531  
72,687  
32,765  
100,000  
92,456  
148,608  
29,878  
7,520  
100,415

WESTERN RESEARCH COMPANY, INC.

1R43 AR40799-01

CRABINE, ERIC R

INSTITUTION TOTAL

1

50,000

CITY TOTAL

14

1,204,411

STATE TOTAL

17

1,536,282

VIDEO COMPARATOR FOR ISOLATION OF DERMATOLOGICAL LESIONS

50,000

CALIFORNIA  
BERKELEY

HRI RESEARCH, INC.

1R43 AI31300-01

LIN, LILY

INSTITUTION TOTAL

1

49,917

VALIDATION TEST FOR PATHOGEN INACTIVATION USING THE PCR

49,917



NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA AT BERKELEY 1R01 EY07345-01A2 1R01 AI30725-01 1R01 AI31650-01 1R01 AI31558-01	HAEGERSTROM-PORTNOY, GUNILLA KIM, SUNG-HOU RAULET, DAVID H WINOTO, ASTAR		VISION OF TYPICAL ROD MONOCHROMATS CRYSTALLOGRAPHIC STUDIES OF BACTERIAL CHEMORECEPTORS REGULATION AND MHC-DEPENDENCE OF GAMMA DELTA T CELLS MOLECULAR MECHANISMS OF ALPHA BETA CELL DEVELOPMENT	120,665 135,887 200,378 143,953
INSTITUTION TOTAL	4	600,883		
UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY LABORATORY 1R01 NS28867-01A1 1R01 HL46281-01	MATHIS, CHESTER A NICHOLS, ALEXANDER V		18F-LABELED BENZAMIDES FOR DOPAMINE-D2 STUDIES USING PET APOLIPOPROTEIN-SPECIFIC HDL & CHOLESTEROL TRANSPORT	210,383 344,065
INSTITUTION TOTAL	2	554,448		
CITY TOTAL	7	1,205,248		
BUELLTON LASERGUIDE, INC. 1R43 EY09003-01	DOIRON, DANIEL R		LASER INDUCED HYPERTHERMIA OF OCULAR TUMORS	47,506
INSTITUTION TOTAL	1	47,506		
CITY TOTAL	1	47,506		
CARLSBAD ISIS PHARMACEUTICALS 1R43 GM45061-01A1	HOKI, GLENN D		SYNTHESIS OF CHIRAL PHOSPHOROTHIOATE OLIGONUCLEOTIDES	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	1	50,000		
CORTE MADERA INFOUSE 1R43 CA53980-01	KRAUS, LEWIS		CANCER PREVENTION INTERACTIVE MULTIMEDIA SYSTEM	49,328
INSTITUTION TOTAL	1	49,328		
CITY TOTAL	1	49,328		
DAVIS UNIVERSITY OF CALIFORNIA AT DAVIS 1R01 CA54284-01	CARDIFF, ROBERT D		PROTOONCOGENES AND MULTISTEP MAMMARY CARCINOGENESIS	180,330

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

CALIFORNIA

DAVIS  
UNIVERSITY OF CALIFORNIA AT DAVIS  
1R01 AR39831-01A1 ROBBINS, DICK L  
1R01 HD28253-01 SPEAROW, JIMMY L  
1R01 ES05409-01A1 WILEY, LYNN M

INSTITUTION TOTAL 4 584,973  
CITY TOTAL 4 584,973

MOLECULAR GENETIC BASIS OF RF IN RA  
GENETIC CONTROL OF OVARIAN STEROIDOGENESIS  
RADIOSENSITIVE TARGET IN THE EARLY MOUSE EMBRYO

160,712  
115,295  
128,636

DUARTE

BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE  
1R01 HD26810-01A1 CHIU, ARLENE Y

INSTITUTION TOTAL 1 142,803  
CITY TOTAL 1 142,803

BIOCHEMICAL DIFFERENTIATION OF SOMATIC MOTOR NEURONS

142,803

EMERYVILLE

CHIRON CORPORATION  
1R01 AI29681-01A1 BURKE, RAE L

INSTITUTION TOTAL 1 144,611

CELLULAR IMMUNE RESPONSE TO GENITAL HERPES INFECTION

144,611

POLYMER TECHNOLOGY GROUP, INC.

1R43 GM44437-01A1 WARD, ROBERT S

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 2 194,611

SHAPE-MEMORY THERMOPLASTIC CATHETER/INSERTION SHEATH

50,000

GARDEN GROVE

AI SYSTEMS, INC.  
1R43 DC01172-01 AHMED, WISSAM W

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

STUTTERING RECOGNITION USING ARTIFICIAL NEURAL NETWORKS

50,000

IRVINE

UNIVERSITY OF CALIFORNIA AT IRVINE  
1R01 NS29421-01 ASWAD, DANA W  
1R01 GM42708-01A2 CHAMBERLIN, ARTHUR R  
1R01 HL44944-01A1 JOHNSTON, WILLIAM E

INSTITUTION TOTAL 3 474,701

FORMATION OF ISOASPARTATE IN PEPTIDES AND PROTEINS  
INTRODUCTION OF NON-NATURAL AMINO ACIDS INTO PROTEINS  
SURGICAL CARDIOPULMONARY BYPASS AND CEREBRAL RESISTANCE

121,490  
115,293  
237,918

NTH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CITY TOTAL	3	474,701	
CALIFORNIA			
LIVERMORE			
UNIVERSITY OF CALIFORNIA-LAWRENCE LIVERMORE NATIONAL			
1R01 HG00256-01	TRASK, BARBARA J	LABORATORY CHROMATIN MAPPING BY FLUORESCENCE IN SITU HYBRIDIZATION	239,371
INSTITUTION TOTAL	1	239,371	
CITY TOTAL	1	239,371	
LOMA LINDA			
LOMA LINDA UNIVERSITY			
1R01 AG08567-01A2	DAVANIPOUR, ZOREH	ALZHEIMER DISEASE AMONG SEVENTH-DAY ADVENTISTS	486,022
1R01 AR40614-01A1	LAU, KIN-HING W	SERUM OSTEOCLASTIC ACID PHOSPHATASE IMMUNOASSAY	89,663
INSTITUTION TOTAL	2	575,685	
CITY TOTAL	2	575,685	
LOS ANGELES			
CHILDREN'S HOSPITAL OF LOS ANGELES			
1R01 ES05511-01	FORMAN, HENRY J	GLUTATHIONE SYNTHESIS AND UPTAKE IN ANTIOXIDANT DEFENSE	195,444
INSTITUTION TOTAL	1	195,444	
ESTELLE DOHENY EYE FOUNDATION			
1R01 EY09088-01	RAO, NARSING A	SELECTIVE IMMUNE THERAPY OF UVEITIS	212,783
1R01 EY09051-01	SUZUKI, SHINTARO	STRUCTURE AND FUNCTION OF OCULAR PROTEOGLYCANS	164,429
INSTITUTION TOTAL	2	377,212	
HOUSE EAR INSTITUTE			
1S07 RR06040-01	NIELSEN, DONALD W	BIOMEDICAL RESEARCH SUPPORT GRANT	5,000
INSTITUTION TOTAL	1	5,000	
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R01 AG09693-01	BALOH, ROBERT W	DIZZINESS IN OLDER PEOPLE	271,322
1R29 AG08959-01A1	BELL, THEODORE S	RECEPTIVE COMMUNICATION PROBLEMS OF THE ELDERLY	75,011
1P01 HD25831-01A1	CAMPAGNONI, ANTHONY T	REGULATION OF NEURAL GENE EXPRESSION	591,904
1R01 GM45952-01	CLARKE, CATHERINE F	FUNCTIONAL ROLES OF UBIQUINONE IN YEAST AND HUMAN CELLS	156,866
1R01 HL46286-01	GUGLIELMI, GUIDO	ENDOVASCULAR OCCLUSION OF ANEURYSMS BY ELECTROTHROMBOSIS	207,638
1R01 CA51923-01A1	HAILE, ROBERT W	SIGMOIDOSCOPY BASED CASE CONTROL STUDY OF POLYPS	249,187



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R01 CA53870-01	HAWTHORNE, M FREDERICK	BIFUNCTIONAL ANTIBODY MEDIATED NEUTRON CAPTURE THERAPY	154,529
1R01 AI31338-01	HORWITZ, MARCUS A	IMMUNOPROTECTIVE DETERMINANTS OF M TUBERCULOSIS IN AIDS	185,231
1R01 NS29231-01	HOUSER, CAROLYN R	NEUROCHEMICAL ANATOMY OF EPILEPSY	117,989
1R01 DK64023-01	KRASNE, SALLY J	OPTICAL AND PATCH CLAMP STUDIES OF INTACT SWEAT DUCTS	205,347
1R01 CA52511-01A1	KRONENBERG, MITCHELL E	EXPRESSION AND FUNCTION OF THE MHC-ENCODED TL MOLECULE	144,941
1R01 GM43827-01A1	MILLER, JEFFREY H	PROTEIN STRUCTURE-FUNCTION STUDIES USING UAG SUPPRESSORS	169,431
1R01 HG00255-01	SIGMAN, DAVID S	SEQUENCE-SPECIFIC CHEMICAL NUCLEASES FOR GENOME ANALYSIS	106,687
1S10 RR06456-01	SIMPSON, LARRY	ACQUISITION OF A VAX COMPUTER SYSTEM	286,000
INSTITUTION TOTAL	14		
			2,922,083
UNIVERSITY OF SOUTHERN CALIFORNIA			
1R01 ES05504-01	CHAN, TIMOTHY M	MECHANISMS OF GROWTH-PROMOTING ACTION OF TOXIC QUINONES	126,596
1R29 DE09875-01	MACDOUGALL, MARY B	DENTINOGENESIS IMPERFECTA	113,322
1R01 CA54533-01	OU, JING-HSIUNG J	MECHANISM OF HBV AND HCV-INDUCED HEPATOCELLULAR ONCOGENE	138,160
1R01 CA50589-01A1	PRESS, MICHAEL F	HER-2 NEU PROTO-ONCOGENE IN OVARIAN & ENDOMETRIAL CANCER	162,382
1R01 GM464638-01A1	RAIJMAN, LUISA J	ORGANIZATION OF THE PATHWAY OF UREA SYNTHESIS IN SITU	161,020
1S03 RR03538-01	SHULER, CHARLES F	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	30,000
1R01 CA52862-01A1	THOMAS, DUNCAN C	SURVIVAL MODEL FOR GENETIC EPIDEMIOLOGY	359,429
1R01 AG09681-01	TOKES, ZOLTAN A	STUDY OF METALLOPROTEASES MP MP-130-100 IN ALZHEIMER BRA	142,795
INSTITUTION TOTAL	8		
CITY TOTAL	26		
			1,233,704
			4,733,443
MENLO PARK			
NEUREX CORPORATION			
1R43 NS29300-01	RAMACHANDRAN, JANAKIRAMAN	ISOLATION OF NEURONAL VOLTAGE SENSITIVE CALCIUM CHANNELS	50,000
INSTITUTION TOTAL	1		
			50,000
SRI INTERNATIONAL			
1R01 AI30939-01A1	MOHAGHEGHPOUR, NAHID	ADJUVANT ACTIVITIES OF AN ALGAL GLUCAN	288,558
INSTITUTION TOTAL	1		
CITY TOTAL	2		
			288,558
			338,558
MOUNTAIN VIEW			
CALIFORNIA BIOTECHNOLOGY, INC.			
1R43 AG09705-01	CORDELL, BARBARA	RECOMBINANT CNTF FOR TREATMENT OF NEUROPATHIES	50,000
INSTITUTION TOTAL	1		
			50,000

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>CALIFORNIA</b>			
MOUNTAIN VIEW GENPHARM INTERNATIONAL, INC. 1R43 AI31003-01	LONBERG, NILS	1 HUMAN ANTIBODY REPERTOIRE IN A TRANSGENIC MOUSE	49,860
INSTITUTION TOTAL	1		49,860
CITY TOTAL	2		99,860
<b>OAKLAND</b>			
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE 1R01 DK42439-01A1 SELBY, JOSEPH V		PREDICTORS OF COMPLICATIONS IN A LARGE DIABETIC COHORT	210,330
INSTITUTION TOTAL	1		210,330
CITY TOTAL	1		210,330
<b>PALO ALTO</b>			
AMERICAN INSTITUTES FOR RESEARCH 1R01 HD26243-01A2 FORREST, KATHERINE A		CONDOM USE DECISION-MAKING BY CALIFORNIA HISPANIC MEN	265,930
INSTITUTION TOTAL	1		265,930
CITY TOTAL	1		265,930
<b>PASADENA</b>			
CALIFORNIA INSTITUTE OF TECHNOLOGY 1R01 GM45697-01 MEYEROWITZ, ELLIOT M		GENETICS OF AGAMOUS ACTION IN ARABISOPSIS DEVELOPMENT	165,960
1R01 HG00464-01 NICKERSON, DEBORAH A	1	FRAMEWORK LINKAGE MAP FOR HUMAN CHROMOSOME 14	225,023
1R01 AR40780-01 WOLD, BARBARA J		POSITIVE ACTING REGULATORS OF MYOGENESIS	195,996
INSTITUTION TOTAL	3		586,979
CITY TOTAL	3		586,979
<b>PAUMA VALLEY</b>			
MOLECULAR SOLVOMETRICS, INC. 1R43 GM46163-01 ANVIA, FREDERICK		STRUCTURE ACTIVITY WORKSTATION FOR DRUG DESIGN	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
<b>REDWOOD CITY</b>			
CYGNUS RESEARCH CORPORATION 1R43 GM43004-01A1 CHIANG, CHIA-MING		ULTRASONICALLY MEDIATED TRANSDERMAL DELIVERY	50,000
INSTITUTION TOTAL	1		50,000

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA REDWOOD CITY GENELABS, INC. 1R01 AI29856-01A1	EDWARDS, CYNTHIA A	CHARACTERIZATION OF A PUTATIVE HIV-1 REGULATORY PROTEIN	149,838
INSTITUTION TOTAL CITY TOTAL	1 149,838 2 199,838		
RIVERSIDE UNIVERSITY OF CALIFORNIA AT RIVERSIDE 1R01 GM44112-01A1 1R01 GM44606-01A1	KUHR, WERNER G WILKINS, CHARLES L	ELECTROCHEMICAL METHODS FOR IN VIVO MEASUREMENTS LASER-ASSISTED FTMS ANALYSIS OF HIGH MASS BIOMOLECULES	114,904 181,432
INSTITUTION TOTAL CITY TOTAL	2 296,336 2 296,336		
SACRAMENTO CERACON, INC. 1R43 AR40787-01	RAMAN, RAMAS V	FABRICATING HIGH PERFORMANCE PROSTHESES	49,816
INSTITUTION TOTAL CITY TOTAL	1 49,816 1 49,816		
SAN DIEGO BIOSYM TECHNOLOGIES, INC. 1R43 GM45651-01	MEIROVITCH, HAGAI	COMPUTER SIMULATION METHOD FOR CALCULATING FREE ENERGY	50,000
INSTITUTION TOTAL	1 50,000		
CALIFORNIA INSTITUTE OF BIOLOGICAL RESEARCH 1S07 RR06036-01	BOURDON, MARIO A	BIOMEDICAL RESEARCH SUPPORT GRANT	15,008
INSTITUTION TOTAL	1 15,008		
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN 1R01 NS29481-01	LANGLAIS, PHILIP J	EXCITOTOXIC BASIS OF BRAIN DAMAGE IN THIAMINE DEFICIENCY	111,548
INSTITUTION TOTAL	1 111,548		
CORVAS, INC. 1R43 HL46036-01 1R43 HL46094-01	BROWN, SCOTT M TAMURA, SUSAN Y	HUMAN RECOMBINANT TISSUE FACTOR PROTHROMBIN TIME REAGENT NOVEL INHIBITORS OF COAGULATION PROTEASES	49,500 50,000
INSTITUTION TOTAL	2 99,500		



NTH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
CALIFORNIA SAN DIEGO LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY 1S07 RR06039-01	ISHIZAKA, KIMISHIGE			
INSTITUTION TOTAL	1	6,514		6,514
MACCONNEL RESEARCH 1R43 HG00293-01	MACCONNELL, WILLIAM P			
INSTITUTION TOTAL	1	49,998		49,998
MEDICAL BIOLOGY INSTITUTE 1P01 AI29672-01A2	FEENEY, ANN J			
INSTITUTION TOTAL	1	168,018		168,018
PHARMINGEN 1R43 CA53939-01	HUANG, CHUN-MING			
INSTITUTION TOTAL	1	50,000		50,000
SALK INSTITUTE FOR BIOLOGICAL STUDIES 1R01 AI30742-01 1S10 RR06338-01 1R29 HL45993-01	BABIOR, BERNARD M HYMAN, ROBERT A MC ELLIGOTT, DAVID L			
INSTITUTION TOTAL	3	700,278		220,026 370,000 110,252
SCRIPPS CLINIC AND RESEARCH FOUNDATION 1R29 HL43721-01A1 1R01 CA54298-01 1R01 GM46938-01 1P01 GM46006-01 1R01 AG09574-01 1R01 AG09430-01 1R01 GM45727-01	D'SOUZA, STANLEY E JACKSON, JANIS H LABHART, PAUL REED, STEVEN I RUBIN, ROBERT L THEOFILOPOULOS, ARGYRIOS N WHITELEY, JOHN M			
INSTITUTION TOTAL	7	1,699,878		96,888 163,027 148,013 607,535 244,990 223,770 215,655
SCRIPPS MEMORIAL HOSPITALS--WHITTIER INSTITUTE FOR DIABETES AND ENDOCRINOLOGY 1R01 DK43409-01	ROGNSTAD, ROBERT A			
INSTITUTION TOTAL	1	71,485		71,485

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

CALIFORNIA  
SAN DIEGO

UNIVERSITY OF CALIFORNIA AT SAN DIEGO  
1R29 AI29974-01A1 BROIDE, DAVID H  
1R01 HL47119-01 FRIEDMANN, THEODORE  
1R01 CA52599-01A1 GLASS, CHRISTOPHER K  
1R01 NS29504-01 HAAS, RICHARD H  
1R13 DC01232-01 HARRIS, JEFFREY P  
1R01 AI29990-01A1 HEDRICK, STEPHEN M  
1S10 RR06694-01 KAGNOFF, MARTIN F  
1R01 CA54755-01 KIPPS, THOMAS J  
1R01 CA54198-01 MURRE, CORNELIS  
1R01 GM46656-01A1 NEWPORT, JOHN W  
1R01 DC01081-01 NORTHCUIT, RICHARD G  
1R01 NS27047-01A2 VARON, SILVIO S  
1R01 CA52412-01A1 WONG-STAAAL, FLOSSIE  
1R01 NS29403-01 ZORNOW, MARK H

INSTITUTION TOTAL 14 1,975,401  
CITY TOTAL 34 4,997,628

SAN FRANCISCO  
EEG SYSTEMS LABORATORY  
1S07 RR06035-01

GEVINS, ALAN S

INSTITUTION TOTAL 1 7,569

MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO  
1R01 HL45608-01 FARRAR, DAVID J

INSTITUTION TOTAL 1 175,777

UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO  
1R29 AI31331-01 BACCCHETTI, PETER  
1R01 AG08973-01A1 BECKER, GAYLENE  
1R01 HL44341-01A1 COGAN, MARTIN G  
1R01 HL44907-01A1 COUGHLIN, SHAUN  
1R01 AR39639-01A3 FEINGOLD, KENNETH R  
1R01 GM44532-01A1 JOHNSON, ALEXANDER D  
1R01 DK43687-01 KOGAN, BARRY A  
1R01 AG09611-01 LIPTON, HELENE L  
1R01 CA54743-01 MCGRATH, MICHAEL S  
1P01 HD26732-01A1 PEDERSEN, ROGER A  
1R01 DK43102-01 ROTH, ROBERT I

ASTHMA: CYTOKINES AND AIRWAY INFLAMMATION  
TRANSDUCTION OF AIRWAY EPITHELIA BY RETROVIRAL VECTORS  
HORMONAL REGULATION OF MACROPHAGE DEVELOPMENT  
ELECTRON TRANSPORT COMPLEXES IN PARKINSON'S DISEASE  
THIRD NATIONAL CONFERENCE ON RESEARCH GOALS AND METHODS  
REGULATION OF CD4 GENE EXPRESSION  
MULTIPARAMETER FLUORESCENCE FLOW CYTOMETER (FACSCAN)  
MECHANISMS OF AIDS-ASSOCIATED LYMPHOMAGENESIS  
ROLE OF E12 AND E47 IN B CELL DEVELOPMENT  
BIOCHEMICAL PATHWAYS LINKING DNA REPLICATION & MITOSIS  
TASTE BUD DEVELOPMENT  
NERVE GROWTH FACTOR ACTION ON ADULT CNS NEURONS IN VIVO  
HIV TAT PROTEIN AND KAPOSI'S SARCOMA PATHOGENESIS  
NEUROTRANSMITTERS AND BRAIN INJURY

94,092  
161,610  
120,875  
179,139  
21,225  
165,927  
126,000  
139,032  
146,950  
154,505  
149,726  
131,124  
192,607  
192,589

BIOMEDICAL RESEARCH SUPPORT GRANT

7,569

VENTRICULAR SYSTOLIC INTERACTIONS DURING HEART FAILURE

175,777

SMOOTHED INCOMPLETE-DATA METHODS FOR STUDYING EPIDEMICS  
GENDER AND THE DISRUPTION OF LIFE COURSE STRUCTURE  
ANGIOTENSIN IN PROXIMAL TUBULE RESPONSE TO DIET Na+  
MOLECULAR MECHANISMS OF THROMBIN SIGNALING  
REGULATION OF EPIDERMAL LIPID SYNTHESIS  
MEIOTIC PAIRING OF CHROMOSOMES IN YEAST  
CONSEQUENCES OF EARLY BLADDER OUTLET OBSTRUCTION  
REDUCING GERIATRIC DRUG THERAPY--TWO APPROACHES  
ANTIGENIC SPECIFICITY AND V REGION USE OF AIDS B NHLs  
DEVELOPMENTAL BIOLOGY OF THE IMPLANTING MAMMALIAN EMBRYO  
ACTIVATION OF BIOLOGIC CASCADES BY BACTERIAL ENDOTOXINS

106,891  
163,985  
173,190  
183,507  
137,878  
101,190  
153,912  
285,015  
184,632  
826,483  
156,479

NTH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1R01 AG09550-01 SCHWARTZ, JANICE B		REGULATION OF CARDIAC RHYTHM & CONDUCTION WITH AGING	185,587
INSTITUTION TOTAL 12 2,658,749			
CITY TOTAL 14 2,842,095			
SAN JOSE CALIFORNIA INSTITUTE FOR MEDICAL RESEARCH 1S03 RR03539-01 LEAVITT, JOHN C		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	30,000
INSTITUTION TOTAL 1 30,000			
CITY TOTAL 1 30,000			
SAN MARINO SCHRODINGER, INC. 1R43 GM46160-01 RINGNALDA, MURCO N		PSEUDOSPECTRAL METHODS FOR QUANTUM BIOCHEMISTRY	50,000
INSTITUTION TOTAL 1 50,000			
CITY TOTAL 1 50,000			
SANTA MONICA RAND CORPORATION 1R01 HD27303-01 SMITH, JAMES P		BLACK-WHITE DIFFERENCES IN INCOME AND EMPLOYMENT	66,335
INSTITUTION TOTAL 1 66,335			
SPECIALTY LABORATORIES, INC. 1R43 NS29298-01 ALOSACHIE, IYAD J		SPECIFIC IMMUNOASSAY FOR THE BETA-2 ADRENERGIC RECEPTOR	50,000
INSTITUTION TOTAL 1 50,000			
CITY TOTAL 2 116,335			
SOUTH SAN FRANCISCO COR THERAPEUTICS, INC. 1R43 HL46099-01 TOMLINSON, JAMES E		DEVELOPMENT OF AN ASSAY FOR SCREENING PDGF ANTAGONISTS	50,000
INSTITUTION TOTAL 1 50,000			
CITY TOTAL 1 50,000			





DOLLARS  
AWARDEDPAGE 13

NIH  
RESEARCH GRANTS

GRANT NUMBER      PRINCIPAL INVESTIGATOR      CITY TOTAL      11      50,500      DOLLARS AWARDED

TITLE OF RESEARCH PROPOSAL

COLORADO  
FORT COLLINS  
COLORADO STATE UNIVERSITY  
1R01 DK43704-01      CURTHOYS, NORMAN P      152,767  
INSTITUTION TOTAL      1      152,767  
CITY TOTAL      1      152,767

MECHANISM OF PH-RESPONSE IN RENAL PEPCK GENE EXPRESSION

152,767

LAKESWOOD  
FOREFRONT ENGINEERING, INC.  
1R43 HL46075-01      WOLF, JAMES L      50,000  
INSTITUTION TOTAL      1      50,000  
CITY TOTAL      1      50,000  
STATE TOTAL      28      2,225,144

PULMONARY PEAK FLOW MONITOR AND RECORDER

50,000

CONNECTICUT  
DANBURY  
LORAD MEDICAL SYSTEMS, INC.  
1R43 CA53952-01      STOLLER, MILTON      50,000  
INSTITUTION TOTAL      1      50,000  
CITY TOTAL      1      50,000

HIGH ENERGY PHOTOELECTRONIC -DIGITAL MAMMOGRAPHY

50,000

FARMINGTON  
UNIVERSITY OF CONNECTICUT HEALTH CENTER  
1R01 DC00993-01      GAY, THOMAS J      156,678  
1R01 NS29613-01      MOREST, D KENT      200,702  
1R01 HL42512-01A2      PAPPANO, ACHILLES J      190,689  
1R29 HL45284-01A1      SKITA, VICTOR      99,811  
INSTITUTION TOTAL      4      647,880  
CITY TOTAL      4      647,880

ORAL MECHANISMS IN SWALLOWING  
INNER EAR AND CENTRAL AUDITORY DEVELOPMENT  
L-PALMITOYL-CARNITINE MECHANISM(S) ON HEART ION CURRENTS  
LUNG SURFACTANT: X-RAY AND NEUTRON DIFFRACTION STUDY

156,678  
200,702  
190,689  
99,811

GUILFORD  
CHAOTIC DYNAMICAL SYSTEMS  
1R43 AG09716-01      PINCUS, STEVEN M      49,589  
INSTITUTION TOTAL      1      49,589

NONLINEAR CARDIOVASCULAR DYNAMICS OF AGING

49,589

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

CITY TOTAL 1 49,589

CONNECTICUT  
NEW HAVEN

HASKINS LABORATORIES

1R01 DC00825-01A1 WHALEN, DOUGLAS H

WORD FREQUENCY AND THE PROPER/Common DIMENSION IN SPEECH 116,383

INSTITUTION TOTAL 1 116,383

YALE UNIVERSITY

1R01 HL43331-01A2 BENDER, JEFFREY R  
1R01 EY09114-01 CAPRIOLI, JOSEPH  
1R01 DC00920-01 FIRESTEIN, STUART  
1R01 AR40507-01A1 HOROWITZ, MARK C  
1R01 GM45413-01 LISKAY, ROBERT M  
1R29 AR40514-01A1 LONGLEY, BRUCE J

MOLECULAR MODELS OF IMMUNE MEDIATED VASCULAR INJURY 185,153  
MOLECULAR MECHANISMS OF RETINAL GANGLION CELL DAMAGE 183,741  
MOLECULAR MECHANISMS OF ADAPTATION IN OLFACTORY NEURONS 114,304  
ANALYSIS OF BONE ALLOGRAFT INDUCED ALLOREACTIVITY 296,020  
HOMOLOGOUS RECOMBINATION IN MAMMALIAN CELLS 164,235  
ANTIGEN PRESENTING CELLS OF THE SKIN 117,600

INSTITUTION TOTAL 6 1,061,053  
CITY TOTAL 7 1,177,436

STATE TOTAL 13 1,924,905

DELAWARE  
NEWARK

UNIVERSITY OF DELAWARE

1R13 AG09382-01 HAREVEN, TAMARA K

AGING AND GENERATIONAL RELATIONS CONFERENCE 47,250

INSTITUTION TOTAL 1 47,250  
CITY TOTAL 1 47,250

STATE TOTAL 1 47,250

DIST OF COL  
WASHINGTON

AMERICAN NATIONAL RED CROSS

1P50 HL44336-01 HOYER, LEON W  
1R29 CA52140-01A1 POZZATTI, RUDY O

SPECIALIZED CENTERS OF RESEARCH IN TRANSFUSION MEDICINE 671,196  
TRANSFORMATION PROPERTIES OF THE HTLV-1 TAX GENE 109,160

INSTITUTION TOTAL 2 780,356

AMERICAN REGISTRY OF PATHOLOGY, INC.

1S03 RR03541-01 O'LEARY, TIMOTHY J

MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM 15,000



NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

[illegible]DIST OF COL  
WASHINGTON

WASHINGTON  
AMERICAN REGISTRY OF PATHOLOGY, INC.  
1R01 AI31220-01 WRIGHT, CYNTHIA F

VACCINIA VIRUS LATE TRANSCRIPTION

INSTITUTION TOTAL	2	74,434
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APPLIED SYSTEMS INSTITUTE, INC.  
1R43 AG08195-01A1 OGNIBENE, PETER J

## SMART PHARMACY CARDS TO REDUCE ADVERSE DRUG REACTIONS

INSTITUTION TOTAL	1	50,000
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CHILDREN'S HOSPITAL NATIONAL MEDICAL CENTER  
1R01 HD25849-01A1 HERMAN, BARBARA H

# ROLE OF OPIOIDS IN AUTISTIC MENTALLY RETARDED CHILDREN

INSTITUTION TOTAL	1	102,484
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GEORGE WASHINGTON UNIVERSITY  
1R01 DC00970-01 PEUSNER, KENNA D

# SYNAPTIC TRANSMISSION DURING NEURONAL DIFFERENTIATION

INSTITUTION TOTAL	1	194,445
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GEORGETOWN UNIVERSITY

C-FES PROTEIN-TYROSINE KINASE IN MYELOID DIFFERENTIATION  
SHARED SOLBOURNE COMPUTER FACILITY  
ANESTHESIA AND REGIONAL MYOCARDIAL  
GENDER AND NEUROPEPTIDE Y - ADRENERGIC INTERACTIONS

INSTITUTION TOTAL	4	764,594
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URBAN INSTITUTE  
1R13 HD28258-01  
WOLF, DOUGLAS A

US-USSR POPULATION SYMPOSIUM

INSTITUTION TOTAL	1	23,000
CITY TOTAL	12	1,989,313

STATE TOTAL	12	1,989,313
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FLORIDA

LOKIDA  
GAINESVILLE

DAINESVILLE  
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA

**LABELLING OF PHYSIOLOGICALLY ACTIVE OLFACTORY NEURONS  
SELF-REGULATORY NEWBORN CARE AND EXTRAUTERINE ADAPTATION  
EXCITATORY AMINO ACID SYSTEMS IN THE AGED BRAIN**

1R01 NR02444-01  
ANDERSON, GENE C  
ACILE, DAKI W

1R01 NR02444-01 ANDERSON, GENE C

1R29 AG08843-01A1 ANDERSON, KEVIN J

30,639  
410,056  
99,171

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR				
<b>FLORIDA</b>					
<b>GAINESVILLE</b>					
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA					
1R29 DK43405-01	GOLDENRING, JAMES R				92,286
1R01 DE09177-01A1	HASSELL, THOMAS M				216,673
1R22 AI31034-01	LOUNIBOS, LEON P				266,494
1R01 HG00402-01	MOSELEY, RAY E				249,663
INSTITUTION TOTAL	7		1,364,982		
CITY TOTAL	7		1,364,982		
<b>MERRITT ISLAND</b>					
DIVERSIFIED RESEARCH					
1R43 ES05385-01A1	DIAMONDIS, PETER J			45,770	
INSTITUTION TOTAL	1		45,770		
CITY TOTAL	1		45,770		
<b>MIAMI</b>					
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA INTERNATIONAL UNIVERSITY					
1R15 HL46444-01	SCHOEPHOERSTER, RICHARD T				106,419
INSTITUTION TOTAL	1		106,419		
<b>UNIVERSITY OF MIAMI</b>					
1R01 EY09169-01	ATHERTON, SALLY S	1			110,033
1S10 RR06523-01	BANDSTRA, EMMALEE S				303,000
1R01 AI26761-01A2	CHIN, YEE HON				116,911
1R01 HD27003-01A1	FIELD, TIFFANY M				172,012
1R13 NS29348-01	GLOBUS, MORDECAI Y				15,000
1R01 RR06603-01	KASAHARA, MASANORI				180,936
1R01 NS23430-01A4	STRAUSS, WILLIAM L				127,174
INSTITUTION TOTAL	7		1,025,066		
CITY TOTAL	8		1,131,485		
<b>NORTH MIAMI</b>					
INTELLIGENT HEARING SYSTEMS					
1R43 NS28280-01A1	DELGADO, RAFAEL E	1			50,000
INSTITUTION TOTAL	1		50,000		
CITY TOTAL	1		50,000		

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA TALLAHASSEE STATE UNIVERSITY 1R01 GM46051-01	SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY VAN WART, HAROLD E	EXTRACELLULAR REGULATION OF MATRIX METALLOPROTEINASES	208,795
INSTITUTION TOTAL CITY TOTAL	1 1	208,795 208,795	
STATE TOTAL	18	2,801,032	
GEORGIA ATHENS UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA 1R01 GM46300-01 1R29 DK42533-01A1	CORMIER, MILTON J EDWARDS, GAYLEN L	BIOLUMINESCENT PROTEINS AS LABELS IN DIAGNOSTIC ASSAYS HINDBRAIN INVOLVEMENT IN WATER AND SODIUM INTAKE	118,728 104,159
INSTITUTION TOTAL CITY TOTAL	2 2	222,887 222,887	
ATLANTA EMORY UNIVERSITY 1R01 DE09161-01A2 1R29 AI31057-01 1R01 NS28858-01 1R01 CA53892-01 1R01 HD27801-01 1R01 HL45572-01	GENCO, CAROLINE A HALLORAN, MARY E HUMPHREY, DONALD R SCHINAZI, RAYMOND F SHERMAN, STEPHANIE L WALLACE, DOUGLAS C	IRON UTILIZATION BY BACTEROIDES GINGIVALIS STUDY DESIGNS FOR MALARIA AND OTHER VECTOR-BORNE DISEASE FUNCTIONS OF MULTIPLE ARM-HAND AREAS OF MOTOR CORTEX BORON-CONTAINING NUCLEOSIDES FOR NEUTRON CAPTURE THERAPY GENETIC EPIDEMIOLOGY OF THE FRAGILE X SYNDROME MITOCHONDRIAL GENES AND CARDIOMYOPATHY	148,776 116,771 213,342 75,000 109,825 195,905
INSTITUTION TOTAL CITY TOTAL	6 7	859,619 1,118,745	
MORRIS BROWN COLLEGE 1S06 GM45913-01	JONES, BETTY R	BIOMEDICAL RESEARCH IMPROVEMENT PROGRAM	259,126
INSTITUTION TOTAL CITY TOTAL	1 7	259,126 1,118,745	
AUGUSTA UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA 1R01 HL46312-01	GERRITY, ROSS G	ENDOTHELIAL CELL HETEROGENEITY IN EARLY ATHEROSCLEROSIS	151,100
INSTITUTION TOTAL CITY TOTAL	1 1	151,100 151,100	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<p style="text-align: center;">NIH RESEARCH GRANTS</p>			
GEORGIA MARIETTA CRYOLIFE, INC. 1R43 CA53956-01	BROCKBANK, KELVIN G	BONE MARROW CRYOPRESERVATION WITH ANTIFREEZE PEPTIDES	49,285
INSTITUTION TOTAL CITY TOTAL	1 1		49,285 49,285
<p>STATESBORO</p>			
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA SOUTHERN COLLEGE 1S07 RR07262-01	OLIVER, JAMES H, JR	BIOMEDICAL RESEARCH SUPPORT GRANT	7,562
INSTITUTION TOTAL CITY TOTAL	1 1		7,562 7,562
STATE TOTAL	12		1,549,579
<p>HAWAII</p>			
AIEA HAWAII BIOTECHNOLOGY GROUP, INC. 1R43 CA54652-01	BIGNAMI, GARY S	PALYTOXIN PRODUG ACTIVATION BY ANTIBODY-LINKED ENZYME	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000 50,000
STATE TOTAL	1		50,000
<p>ILLINOIS</p>			
CARBONDALE UNIVERSITY OF ILLINOIS 1R29 GM46009-01 1R29 GM45282-01	UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE CHRISTIANSON, THOMAS W SCHMIDHAUSER, THOMAS J	TRANSCRIPTION TERMINATION IN YEAST MITOCHONDRIA BLUE LIGHT REGULATION OF GENE EXPRESSION IN FUNGI	98,199 66,193
INSTITUTION TOTAL CITY TOTAL	2 2		164,392 164,392
<p>CHAMPAIGN</p>			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN 1R01 ES05552-01 1R01 AG08435-01A2 1R03 RR06870-01	BEASLEY, VAL R KRAMER, ARTHUR F WHEELER, BRUCE C	MECHANISMS OF MICROCYSTIN-LR HEPATOTOXICITY DEVELOPMENT OF SKILLED PERFORMANCE IN THE ELDERLY PATTERNED NEURONAL NETWORKS	142,060 71,847 49,197
INSTITUTION TOTAL	3		263,104



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

CITY TOTAL 3 263,104

ILLINOIS  
CHICAGO

MCR TECHNOLOGY CORPORATION

1R43 CA53917-01 LONGWORTH, JAMES W

INSTITUTION TOTAL 1 50,000

NORTHWESTERN UNIVERSITY

1R01 CA53997-01 BARTLES, JAMES R

1R03 DE09866-01 GILBERT, JEREMY L

INSTITUTION TOTAL 2 170,728

REHABILITATION INSTITUTE OF CHICAGO

1R01 AR40425-01A1 RYMER, WILLIAM Z

INSTITUTION TOTAL 1 191,642

RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER

1R29 CA51926-01A1 CELLA, DAVID F

1P01 AG09466-01 DETOLEDO-MORRELL, LEYLA

1R29 AR39507-01A3 KNUDSON, CHERYL B

INSTITUTION TOTAL 3 704,955

UNIVERSITY OF CHICAGO

1R01 GM45883-01 CASADABAN, MALCOLM J

1R01 CA54364-01 DIAMOND, ALAN M

1R01 GM43560-01A2 FOX, AARON P

1R29 CA52008-01A1 KARZMAR, GREGORY S

1R01 HL46368-01 LEFF, ALAN R

1R01 CA51245-01A1 LEVIN, DAVID N

1R03 RR06849-01 MORGAN, JULIET

1S10 RR06579-01 SCANU, ANGELO M

1R10 HL45715-01 WISSLER, ROBERT W

INSTITUTION TOTAL 9 1,594,309

UNIVERSITY OF ILLINOIS AT CHICAGO

1R01 HD27184-01 BERKSON, GERSHON B

1R01 HL45977-01 JOHNSON, MICHAEL E

1R01 GM45718-01 KENTER, AMY L

THREE DIMENSIONAL HOLOGRAPHIC IMAGING OF TUMOR CELLS

50,000

REGULATION OF CE 9 PROTEIN BY PEROXISOME PROLIFERATORS  
SCANNING POTENTIAL MICROSCOPE FOR SPATIAL IMAGING

154,273  
16,455

MECHANISM FOR COMPENSATION OF NEUROMUSCULAR FATIGUE

191,642

IMPROVING QUALITY OF LIFE IN ADVANCED CANCER  
ANATOMIC, PHYSIOLOGIC AND COGNITIVE PATHOLOGY OF AD  
HYALURONATE-CELL INTERACTIONS DURING LIMB MORPHOGENESIS

104,147  
493,435  
107,373

NEW REPORTER GENES  
TRANSLATIONAL CONTROL OF GLUTATHIONE PEROXIDASE  
CA CHANNELS STIMULUS SECRETION COUPLING  
RESPONSE OF TUMORS TO TNF STUDIED BY MAGNETIC RESONANCE  
MECHANISMS OF AIRWAY HYPERRESPONSIVENESS  
INTEGRATED 3D DISPLAY OF MR, CT, AND PET IMAGES  
LIGHT STIMULATED CARDIAC PACING AND DEFIBRILLATION  
BECKMAN OPTIMA XL ANALYTICAL ULTRACENTRIFUGE  
RISK FACTORS IN EARLY HUMAN ATHEROGENESIS

166,023  
168,267  
136,489  
98,106  
229,413  
374,279  
52,781  
103,000  
265,951

CONTROL OF ABNORMAL STEREOTYPED BEHAVIORS  
STRUCTURAL APPROACHES TO ANTISICKLING AGENT DESIGN  
DEVELOPMENTALLY REGULATED EXONUCLEASE IN B LYMPHOCYTES

73,481  
207,816  
149,524

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
ILLINOIS CHICAGO UNIVERSITY OF ILLINOIS AT CHICAGO 1R29 DC01125-01 KESHNER, EMILY A 1R01 DE08937-01A2 KINGHORN, ALAN D			REGULATORY MECHANISMS SUBSERVING POSTURAL STABILITY NONCARIOGENIC INTENSE NATURAL SWEETENERS	123,141 126,481
INSTITUTION TOTAL CITY TOTAL	5 21	680,443 3,392,077		
EVANSTON NORTHWESTERN UNIVERSITY 1R03 DC01033-01 FARMAN, ALBERT I 1R01 GM45739-01 GABER, RICHARD F 1R01 HL47196-01 MORRISON, SHAUN F 1R01 GM45972-01 O'HALLORAN, THOMAS V 1R29 GM42732-01A2 ROSKAMP, ERIC J 1R29 DC00591-01A1 SAPIR, SHIMON			DEVELOPMENT OF FUNGIFORM PAPILLA AND TASTE BUDS TRANSCRIPTIONAL MODULATION IN YEAST CARDIOVASCULAR REGULATION--SPINAL SYMPATHETIC MECHANISMS METAL RESPONSIVE GENE REGULATION AND DETOXIFICATION DIVALENT GERMANIUM AND TIN IN ORGANIC SYNTHESIS TRIGEMINO-LARYNGEAL REFLEXES IN STUTTERERS AND NORMALS	38,145 162,814 150,342 149,602 98,202 126,664
INSTITUTION TOTAL CITY TOTAL	6 6	725,769 725,769		
LA GRANGE ACCITEK ASSOCIATES, INC. 1R43 CA52337-01A1 MARTIN, RONALD L			RADIOGRAPHIC AID TO PROTON THERAPY	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000		
MAYWOOD LOYOLA UNIVERSITY MEDICAL CENTER 1R03 HL46120-01 COOPER, RICHARD S 1R01 HL45508-01 COOPER, RICHARD S			HEART DISEASE AND THE BLACK HEALTH DISADVANTAGE HYPERTENSION IN BLACKS: THE US, AFRICA & THE CARIBBEAN	74,103 316,646
INSTITUTION TOTAL CITY TOTAL	2 2	390,749 390,749		
STATE TOTAL	35	4,986,091		
INDIANA BLOOMINGTON INDIANA UNIVERSITY AT BLOOMINGTON 1R29 DC00545-01A3 KIDD, GARY R			DYNAMIC ATTENDING AND THE PERCEPTION OF PATTERNS IN TIME	103,124

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

INDIANA BLOOMINGTON INDIANA UNIVERSITY AT BLOOMINGTON 1R01 CA53783-01	TAYLOR, MILTON W			IFN-Y RESISTANT MUTANTS OF MAMMALIAN CELLS	158,905
INSTITUTION TOTAL CITY TOTAL	2 2	262,029 262,029			
INDIANAPOLIS INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS 1R01 HL46549-01 1R03 DE09713-01 1R01 CA54432-01 1R01 HL46548-01 1R01 DK42376-01A1 1R01 CA53113-01 1S07 RR06037-01 1R01 AG09560-01	BROXMEYER, HAL E DUNIPACE, ANN J GABIG, THEODORE G HOFFMAN, RONALD ROACH, PETER J SANDISON, GEORGE A STOOKEY, GEORGE K VOELKER, JAMES R		1 1	HUMAN UMBILICAL CORD BLOOD STEM CELLS AND IMMUNOLOGY GENOTOXICITY OF GLUTARALDEHYDE--SAFE USE IN DENTISTRY PROLIFERATIVE SIGNALS FROM IL-3 RECEPTORS TO NUCLEUS IN VITRO RECONSTITUTION OF NORMAL HUMAN HEMATOPOIESIS GLYCOGEN METABOLISM AND SIGNAL TRANSDUCTION IN YEAST NEW DOSE ALGORITHM FOR ELECTRON RADIOTHERAPY BIOMEDICAL RESEARCH SUPPORT GRANT CAPTOPRIL AND ANGIOTENSIN VASCULAR EFFECTS IN SENESCENCE	166,850 22,350 136,882 278,137 171,979 119,886 5,000 124,701
INSTITUTION TOTAL CITY TOTAL	8 8	1,025,785 1,025,785			
NOTRE DAME UNIVERSITY OF NOTRE DAME 1R01 HD26456-01A2 1R01 HD25924-01A2	BORKOWSKI, JOHN G GOETZ, FREDERICK W, JR			PRECURSORS OF RETARDATION IN CHILDREN WITH TEEN MOTHERS INVOLVEMENT OF PI CYCLING/PROTEIN KINASE C IN OVULATION	146,651 100,226
INSTITUTION TOTAL CITY TOTAL	2 2	246,877 246,877			
TERRE HAUTE INDIANA STATE UNIVERSITY 1R01 HD27555-01	STUART, GARY W			ZEBRAFISH GENES INVOLVED IN EARLY EMBRYONIC DEVELOPMENT	94,590
INSTITUTION TOTAL CITY TOTAL	1 1	94,590 94,590			
WEST LAFAYETTE PURDUE UNIVERSITY WEST LAFAYETTE 1R01 AI29121-01A2 1R01 HD28792-01	BINA, MINOU DAVIDSON, TERRY L		1	REGULATION OF HIV-1 GENE EXPRESSION SIGNALS TO FEED--BIOLOGICAL AND ASSOCIATIVE MECHANISMS	121,745 67,403



NTH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

INDIANA					
WEST LAFAYETTE					
PURDUE UNIVERSITY	WEST LAFAYETTE				
1R01 AR39560-01A1	WEAVER, CONNIE M				

EXERCISE & BONE MASS IN YOUNG WOMEN

311,528

INSTITUTION TOTAL	3	500,676
CITY TOTAL	3	500,676
STATE TOTAL	16	2,129,957

IOWA					
IOWA CITY					
UNIVERSITY OF IOWA					
1R01 AR40411-01A1	BRAND, RICHARD A				248,683
1R01 GM46116-01	CHENG, CHI-LIEN				109,663
1R03 DE09373-01A1	DRAKE, DAVID R				21,413
1R03 DE09381-01A1	FOTOS, PETE G				21,413
1R01 GM42539-01A2	GEYER, PAMELA K				154,183
1R01 AR40166-01A2	GOEL, VIJAY K				140,450
1R03 DE09770-01	LEVY, STEVEN M				140,450
1R01 NS27914-01A2	MOORE, STEVEN A				20,631
1R03 DC01182-01	ROBIN, DONALD A				160,742
1S10 RR06533-01	TALMAN, WILLIAM T				29,135
1R29 AI31265-01	WALDSCHMIDT, THOMAS J				125,000
INSTITUTION TOTAL	11	1,132,510			101,197
CITY TOTAL	11	1,132,510			
STATE TOTAL	11	1,132,510			

MECHANICAL FACTORS INITIATING BONE REMODELING  
TRANSCRIPTIONAL CONTROL OF ARABIDOPSIS NITRATE REDUCTASE  
BACTERIAL ADHESION TO TITANIUM IMPLANT SURFACES  
GENETIC RELATEDNESS OF CANDIDA ALBICANS IN ORAL COMMENSA  
REGULATION OF TISSUE-SPECIFIC GENE EXPRESSION  
MECHANICS OF SPINE SURGERY - A FINITE ELEMENT ANALYSIS  
FLUORIDE TREATMENT OF INCIPIENT ROOT SURFACE CARRIES  
EICOSANOID METABOLISM AT THE BLOOD-BRAIN BARRIER  
TONGUE STRENGTH AND FATIGABILITY IN RELATION TO SPEECH  
HIGH RESOLUTION IMAGE DIGITIZATION AND ANALYSIS SYSTEM  
FUNCTIONAL CHARACTERIZATION OF FCER- AND FCER+ B CELLS

KANSAS					
KANSAS CITY					
UNIVERSITY OF KANSAS	COLLEGE OF HEALTH SCIENCES AND HOSPITAL				
1R01 AG07980-01A3	HURNITZ, ARYEH				145,226
1R01 AI30500-01	SILVERSTEIN, RICHARD				94,633
INSTITUTION TOTAL	2	239,859			
CITY TOTAL	2	239,859			

AGE-RELATED GASTRIC CHANGES AND DRUG ABSORPTION  
HYDRAZINE AND ENDOTOXIN, TNF IN ACUTE INFECTIOUS DISEASE

LAWRENCE					
UNIVERSITY OF KANSAS	LAWRENCE				
1S10 RR06453-01	GRUNEWALD, GARY L				100,000

HIGH-PERFORMANCE MOLECULAR MODELING AND GRAPHICS SYSTEM

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

KANSAS LAWRENCE UNIVERSITY OF KANSAS 1P01 HD26927-01A1 1R01 AI30356-01A1	LAWRENCE SPRADLIN, JOSEPH E WOOD, CHARLES	3 3	752,224 752,224	SEVERE ABERRANT BEHAVIOR AMONG PERSONS WITH RETARDATION BIOLOGY OF HIV AND HHV-6 INTERACTIONS	462,511 189,713
INSTITUTION TOTAL		3	752,224		
CITY TOTAL		3	752,224		
MANHATTAN KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE 1R15 HL46476-01	ROSS, CHRISTOPHER R	1 1	105,477 105,477	MOLECULAR CHARACTERIZATION OF A BFGF-BINDING PROTEOLYCA	105,477
INSTITUTION TOTAL		1	105,477		
CITY TOTAL		1	105,477		
STATE TOTAL		6	1,097,560		
KENTUCKY BOWLING GREEN VISUAL RESOURCES, INC. 1R43 AG09727-01	KEIRN, PHILIP A	1	49,877	PERCEPTUAL ASSESSMENT/IMPROVEMENT OF THE OLDER DRIVER	49,877
INSTITUTION TOTAL		1	49,877		
WESTERN KENTUCKY UNIVERSITY 1R29 AG10047-01	MUTTER, SHARON A	1 2	93,542 143,419	JUDGMENT AND DECISION MAKING ACROSS THE LIFE SPAN	93,542
INSTITUTION TOTAL		1	93,542		
CITY TOTAL		2	143,419		
LEXINGTON ACADEMIC SOFTWARE, INC. 1R43 HD27411-01	GEORGE, CINDY L	1	49,797	CONTROL INTERFACE ASSESSMENT SYSTEM	49,797
INSTITUTION TOTAL		1	49,797		
UNIVERSITY OF KENTUCKY 1R29 HL45143-01A1 1R01 NS29001-01 1R01 AG08475-01A2	LODDER, ROBERT A MATTSON, MARK P ROWLES, GRAHAM D	3 4	391,752 441,549	NEAR-IR SPECTRA OF LIPOPROTEINS AND APOLIPOPROTEINS INTEGRATION OF CELLULAR SIGNALS AND NEUROARCHITECTURE FAMILY INVOLVEMENT IN NURSING HOME DECISION-MAKING	100,347 76,321 215,084
INSTITUTION TOTAL		3	391,752		
CITY TOTAL		4	441,549		

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
KENTUCKY LOUISVILLE UNIVERSITY OF LOUISVILLE 1R29 CA53184-01 1R03 DE09915-01	LOCK, RICHARD B TATAKIS, DIMITRIS N		CDC2 IN G2 ARREST AND CELL DEATH BY ANTI-TUMOR AGENTS THE ROLE OF LIPOXINS IN BONE CELL METABOLISM	91,250 21,900
INSTITUTION TOTAL CITY TOTAL	2 2	113,150 113,150		
STATE TOTAL	8	698,118		
LOUISIANA BATON ROUGE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE 1R29 DK44446-01	WEST, DAVID B		NUTRITION AND HYPERTENSION: ROLE OF HYPERINSULINEMIA	96,064
INSTITUTION TOTAL CITY TOTAL	1 1	96,064 96,064		
GRAMBLING GRAMBLING STATE UNIVERSITY 1S03 RR03542-01	JORDAN, CHESTER L		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	45,000
INSTITUTION TOTAL CITY TOTAL	1 1	45,000 45,000		
NEW ORLEANS LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS 1R01 DC00722-01A1 1R01 EY08871-01 1R10 HL45720-01	BOBBIN, RICHARD P HILL, JAMES M STRONG, JACK P		PHARMACOLOGY OF ISOLATED OUTER HAIR CELLS OCULAR PATHOGENESIS AND THERAPY OF BACTERIAL KERATITIS RISK FACTORS IN EARLY HUMAN ATHEROGENESIS	239,422 160,099 175,875
INSTITUTION TOTAL	3	575,396		
LOUISIANA STATE UNIVERSITY-UNIVERSITY OF NEW ORLEANS 1S03 RR03543-01	WASHINGTON, ROBERT O		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	15,000
INSTITUTION TOTAL	1	15,000		
TULANE UNIVERSITY OF LOUISIANA 1R29 CA54152-01	HILL, STEVEN M		NEUROENDOCRINE INFLUENCES ON MAMMARY CANCER	101,867
INSTITUTION TOTAL CITY TOTAL	1 5	101,867 692,263		



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>LOUISIANA</b>			
SHREVEPORT			
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT			
1R01 HL45559-01	BENOIT, JOSEPH N	INTESTINE IN CHRONIC PORTAL HYPERTENSION	139,976
1R01 GM45842-01	GROSS, DAVID S	STRUCTURE AND REGULATION OF THE YEAST HSP90 GENES	101,522
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	9		
<b>MAINE</b>			
BAR HARBOR			
JACKSON LABORATORY			
1R01 HL46536-01	HARRISON, DAVID E	PRIMITIVE HEMOPOIETIC STEM CELLS (PHSC) FOR ENGRAFTMENT	258,533
1S10 RR06371-01	SIDMAN, CHARLES L	FACSTAR PLUS FLOW CYTOMETER	204,000
INSTITUTION TOTAL	2		
CITY TOTAL	2		
<b>LEWISTON</b>			
BATES COLLEGE			
1R15 HL46542-01	MALLOY, LAURA G	HISTAMINE ADRENERGICS AND SKELETAL MUSCLE ARTERIES	108,546
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
<b>MARYLAND</b>			
BALTIMORE			
BRIMROSE CORPORATION OF AMERICA			
1R43 ES05681-01	ROSEMEIER, RONALD G	PROGRAMMABLE ULTRAVIOLET ILLUMINATOR USING AN AOTF	47,210
INSTITUTION TOTAL	1		
INDIVIDUAL MONITORING SYSTEMS, INC.			
1R43 HL46078-01	KRAUSMAN, DAVID T	PHYSICAL ACTIVITY MONITORING WITH FEEDBACK	49,992
INSTITUTION TOTAL	1		
<b>JOHNS HOPKINS UNIVERSITY</b>			
1R01 CA54396-01	BAYLIN, STEPHEN B	DNA METHYLTRANSFERASE GENE EXPRESSION IN COLON CANCER	213,380

**NIH  
RESEARCH GRANTS**

**DOLLARS  
AWARDED**

**TITLE OF RESEARCH PROPOSAL**

**PRINCIPAL INVESTIGATOR**

**GRANT NUMBER**

<b>MARYLAND</b>			
<b>BALTIMORE</b>			
<b>JOHNS HOPKINS UNIVERSITY</b>			
1R01 NR02241-01A1	BECKER, DIANE M		238,578
1R01 HD27546-01	BUSA, WILLIAM B		162,406
1R01 DK44003-01	CUTTING, GARRY R		227,864
1S10 RR06524-01	FOX, PETER T		395,000
1R29 CA51229-01A1	GAMCSIK, MICHAEL P		103,808
1R01 HL47122-01	GUGGINO, WILLIAM B		295,655
1R01 CA54203-01	JONES, RICHARD J		123,274
1R01 GM45398-01	KAZAZIAN, HAIG H, JR		123,305
1R01 DK42457-01A1	MONTRUSE, MARSHALL H		200,819
1S10 RR06369-01	PEARLSON, GODFREY D		158,000
1R01 HG00405-01	REEVES, ROGER H		242,920
1R13 HL46157-01	ROSE, NOEL R		12,400
1R01 HL46533-01	SHARKIS, SAUL J		296,351
1R01 AI30916-01	VISCIDI, RAPHAEL P		204,213
<b>INSTITUTION TOTAL</b>	<b>15</b>	<b>3,087,973</b>	

<b>NOVA PHARMACEUTICAL CORPORATION</b>			
1R43 HL46098-01	SWEETNAM, PAUL M		47,000
<b>INSTITUTION TOTAL</b>	<b>1</b>	<b>47,000</b>	

**DEVELOPMENT OF ENDOTHELIN-1 ANTAGONISTS**

<b>UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND</b>			
1S10 RR06460-01	DE CLARIS, NICHOLAS		383,000
1R01 HL43091-01A2	GOLDMAN, WILLIAM F		130,660
1R01 HL47125-01	KIM, KWANG C		195,175
1S03 RR03544-01	LENZ, ELIZABETH R		15,000
1R01 AG09902-01	MAGAZINER, JAY		126,963
1R10 HL45693-01	MERGNER, WOLFGANG J		104,233
1R29 HL44853-01A1	VISCARDI, ROSE M		98,221
<b>INSTITUTION TOTAL</b>	<b>7</b>	<b>1,053,252</b>	
<b>CITY TOTAL</b>	<b>25</b>	<b>4,285,427</b>	

BALTIMORE PROFESSIONAL SCHOOL  
MEDICAL INFORMATICS NETWORK-A DISTRIBUTED COMPUTING FACI  
CALCIUM REGULATION IN ARTERIAL MYOCYTES  
REGULATION OF AIRWAY GOBLET CELL MUCIN RELEASE IN VITRO  
MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM  
DETERMINANTS OF RECOVERY FROM HIP FRACT/SUPPL (PROXY)  
RISK FACTORS IN EARLY HUMAN ATHEROGENESIS  
ROLE OF NUTRITION IN LUNG DEVELOPMENT

<b>UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND</b>			
1S10 RR06460-01	DE CLARIS, NICHOLAS		383,000
1R01 HL43091-01A2	GOLDMAN, WILLIAM F		130,660
1R01 HL47125-01	KIM, KWANG C		195,175
1S03 RR03544-01	LENZ, ELIZABETH R		15,000
1R01 AG09902-01	MAGAZINER, JAY		126,963
1R10 HL45693-01	MERGNER, WOLFGANG J		104,233
1R29 HL44853-01A1	VISCARDI, ROSE M		98,221
<b>INSTITUTION TOTAL</b>	<b>7</b>	<b>1,053,252</b>	
<b>CITY TOTAL</b>	<b>25</b>	<b>4,285,427</b>	

<b>BELTSVILLE</b>			
<b>ADA DIGITAL SYSTEMS, INC.</b>			
1R43 CA53950-01	HU, FUPEI		49,984
<b>INSTITUTION TOTAL</b>	<b>1</b>	<b>49,984</b>	
<b>CITY TOTAL</b>	<b>1</b>	<b>49,984</b>	

**BI-DIRECTIONAL FLUOROSCOPIC IMAGER**

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>MARYLAND</b>			
BETHESDA			
TRANSNATIONAL FAMILY RESEARCH INSTITUTE			
1R01 HD25574-01A1	DAVID, HENRY P	YOUNG ADULTS BORN OF UNWANTED PREGNANCIES	138,296
INSTITUTION TOTAL	1		138,296
CITY TOTAL	1		138,296
<b>CATONSVILLE</b>			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND		BALTIMORE COUNTY CAMPUS	
1R03 DE09799-01	BAYLES, KENNETH W	REGULATION OF EXOENZYME GENES IN STREPTOCOCCUS MUTANS	20,339
1R01 AI30917-01A1	SUMMERS, MICHAEL F	NMR STUDIES OF HIV-1 PROTEINS	163,807
INSTITUTION TOTAL	2		184,146
CITY TOTAL	2		184,146
<b>COLLEGE PARK</b>			
EASTERN ANALYTICAL, INC.			
1R43 AR40807-01	MOORE, LARRY J	CALCIUM ISOTOPIC ANALYSIS USING LASER AUTOIONIZATION	49,937
INSTITUTION TOTAL	1		49,937
<b>UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND</b>			
1R01 AG09191-01	GORDON-SALANT, SANDRA M	1 AUDITORY TEMPORAL PROCESSES, SPEECH PERCEPTION AND AGING	173,647
INSTITUTION TOTAL	1		173,647
CITY TOTAL	2		223,584
<b>GAITHERSBURG</b>			
GENETIC THERAPY, INC.			
1R43 CA5938-01	CHIANG, YAWEN L	RETROVIRAL VECTORS TO EXPRESS ALPHA-IFN IN HUMAN TIL	44,900
INSTITUTION TOTAL	1		44,900
CITY TOTAL	1		44,900
<b>KENSINGTON</b>			
CELCO ADVANCED BIOREACTORS, INC.			
1R43 CA54694-01	KNAZEK, RICHARD A	CLEARING OF TUMOR CELLS FROM HUMAN BONE MARROW CULTURES	49,584
INSTITUTION TOTAL	1		49,584
CITY TOTAL	1		49,584

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND LANDOVER CHESAPEAKE COMPUTING, INC. 1R43 AG09719-01			
INSTITUTION TOTAL	1		50,000
SFA, INC. 1R43 CA53993-01	SKEATH, PERRY R	SAME COMPUTERIZED ASSISTANCE FOR SERVICE CREDIT BANKING	50,000
INSTITUTION TOTAL	1		49,922
CITY TOTAL	2		99,922
ROCKVILLE DVP, INC. 1R43 HD27771-01	GIRSON, ANDREW D	MINIATURIZED BENCH-TOP ANALYTICAL CELL SORTER	49,922
INSTITUTION TOTAL	1		50,000
LARGE SCALE BIOLOGY CORPORATION 1R43 HG00440-01	ANDERSON, NORMAN G	GENERIC CONTROLLER FOR THE DEVELOPMENTALLY DISABLED	50,000
INSTITUTION TOTAL	1		50,000
QUANTEX CORPORATION 1R43 DE09906-01	SOLTANI, PETER K	AUTOMATIC MULTIPLE-PARALLEL DNA PROBE SYNTHESIZER	50,000
INSTITUTION TOTAL	1		49,359
CITY TOTAL	3		149,359
SILVER SPRING INFRARED FIBER SYSTEMS, INC. 1R43 GM45075-01A1	LEVIN, KENNETH H	NEW STORAGE PHOSPHOR IMAGING MEDIA FOR ORAL RADIOGRAPHY	49,359
INSTITUTION TOTAL	1		48,655
MACRO SYSTEMS, INC. 1R43 CA53967-01 1R43 CA53979-01 1R43 CA53977-01	ERRECART, MICHAEL T ERRECART, MICHAEL T ROSS, JAMES G	FIBER COUPLED SPECTROSCOPIC AIRWAY GAS MONITOR	48,655
INSTITUTION TOTAL	3		149,893
		IMPROVING CATI USING MACINTOSH TECHNOLOGY FEASIBILITY OF HYPERMEDIA FOR PDQ-P WITH HIGH RISK EXPERT SYSTEM APPLICATION TO CANCER PREVENTION	49,950 49,952 49,991



GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
MARYLAND SILVER SPRING SOLOON CONSULTING GROUP, LTD. 1R43 AG09725-01	VERTREES, JAMES C	INTEGRATED DATABASE FOR AGING RESEARCH		50,000
INSTITUTION TOTAL CITY TOTAL	1 50,000 5 248,548			
STATE TOTAL	43 5,473,750			
MASSACHUSETTS ANDOVER PHYSICAL SCIENCES, INC. 1R43 GM43676-01A1	ROSEN, DAVID I	TEA-C02 DEBRIDEMENT OF BURN ESCHAR (7130-260)		50,000
INSTITUTION TOTAL CITY TOTAL	1 50,000 1 50,000			
ARLINGTON LOEFFLER-MACCONKEY, INC. 1R43 AI29778-01A1	LOEFFLER, HERBERT H	AUTOMATED SLIDE STAINER FOR MOLECULAR PROBES		50,000
INSTITUTION TOTAL CITY TOTAL	1 50,000 1 50,000			
ASHLAND MATTEK CORPORATION 1R43 AR40797-01	KLAUSNER, MITCHELL	CELL CULTURE SURFACES FOR BONE RESEARCH		50,000
INSTITUTION TOTAL CITY TOTAL	1 50,000 1 50,000			
BEDFORD COLLABORATIVE RESEARCH, INC. 1R01 HG00460-01 1R43 HG00295-01 1R43 HG00491-01 1R43 GM43697-01A1	KEITH, TIM P MAO, JEN-I MAO, JEN-I MOIR, DONALD T	FRAMEWORK LINKAGE MAPS OF HUMAN CHROMOSOMES 10 & 20 HUMAN POLYMORPHIC ALU LOCI AS GENETIC MARKERS DEVELOP PCRS TO DETECT POLYMORPHISMS AT MAPPED RFLP LOCI ALLELE-SPECIFIC MULTIPLEX DNA DIAGNOSTIC TEST		419,624 50,000 50,000 50,000
INSTITUTION TOTAL	4 569,624			

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED	
MASSACHUSETTS BEDFORD SPIRE CORPORATION 1R43 HL46097-01	SIOSHANSI, PIRAN	LOW FRICTION BACTERICIDAL SILVER COATED CATHETERS		49,722	
INSTITUTION TOTAL	1			49,722	
CITY TOTAL	5			619,346	
BOSTON					
BETH ISRAEL HOSPITAL	ALPER, SETH L	MOLECULAR PHYSIOLOGY OF BAND 3-LIKE PROTEINS OF KIDNEY		155,430	
1R01 DK43495-01	AVORN, JEROME L	DRUG-INDUCED PARKINSONIAN SYMPTOMS IN THE ELDERLY		118,104	
1R01 AG09634-01	BUBLEY, GLENN J	MECHANISMS OF PLATINUM-INDUCED MUTAGENESIS		113,589	
1R29 CA51438-01A2	HAYES, WILSON C	FALL BIOMECHANICS AND HIP FRACTURE RISK		280,150	
1R01 AR40321-01A1					
INSTITUTION TOTAL	4			667,273	
BOSTON UNIVERSITY					
1P01 AG09525-01	BLUSZTAJN, JAN K	AGING OF BRAIN EFFECTS OF PERINATAL CHOLINE EXPOSURE		478,085	
1R01 AI30535-01	DELISI, CHARLES	MOLECULAR BASIS OF ANTIGEN PRESENTATION		344,999	
1R01 AG09029-01A1	FARRER, LINDSAY A	GENETIC EPIDEMIOLOGICAL STUDIES OF ALZHEIMERS DISEASE		420,365	
1S03 RR03545-01	PHILLIPS, CONSTANCE L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM		30,000	
1R01 AR40414-01A1	SKINNER, MARTHA	TRANSHYRETIN IN FAMILIAL AMYLOIDOTIC POLYNEUROPATHY		176,862	
1R01 HL46338-01	STONE, PHILLIP J	URINARY MARKERS OF ELASTIN DEGRADATION IN EMPHYSEMA		180,087	
1R01 DC01099-01	VOIGT, HERBERT F	STRUCTURE/FUNCTION RELATIONS OF COCHLEAR NUCLEUS NEURONS		170,742	
INSTITUTION TOTAL	7			1,801,140	
BRIGHAM AND WOMEN'S HOSPITAL					
1R01 HL45794-01	BRIDGES, KENNETH R	MODULATION OF IRON METABOLISM BY CYTOKINES		255,766	
1R01 CA47988-01A1	BURING, JULIE E	TRIAL OF BETA-CAROTENE & LUNG CANCER IN HIGH RISK WOMEN		1,836,533	
1R03 HL46163-01	GLYNN, ROBERT J	COMPLIANCE IN THE PHYSICIANS' HEALTH STUDY		44,718	
1R29 AI30050-01A1	GOLDBERG, JOANNA B	GENETICS AND ROLE OF ALGINATE IN P. AERUGINOSA INFECTION		122,366	
1R01 ES05257-01A1	HU, HOWARD	EPIDEMIOLOGY OF LEAD, DIET AND BLOOD PRESSURE		398,516	
1R01 AR39921-01A1	LIANG, MATTHEW H	MODIFIABLE RISK FACTORS IN BLACKS WITH SLE		429,512	
1R03 HL46212-01	ROSNER, BERNARD A	STATISTICAL ANALYSIS OF PEDIATRIC TASK FORCE DATA BASE		92,000	
INSTITUTION TOTAL	7			3,179,411	
CHILDREN'S HOSPITAL					
1R29 AI30550-01	CHATILA, TALAL A	MOLECULAR ANALYSIS OF IL-2 DEFICIENCY STATES IN SCIDS PA		110,880	
1R01 HL45635-01	DINAUER, MARY C	STRUCTURE/FUNCTION ANALYSIS OF PHAGOCYTE PROTEINS		94,439	
1R01 EY09024-01	LIPTON, STUART A	CAZ+ CHANNEL ANTAGONISTS AND AIDS-RELATED NEUROTOXICITY		135,606	
INSTITUTION TOTAL	3			340,925	

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

MASSACHUSETTS  
BOSTON

DANA-FARBER CANCER INSTITUTE  
1R01 CA50608-01A1  
1R01 AI31337-01

ROLE OF TOPOISOMERASE I IN DNA REPAIR AND CHEMOTHERAPY  
VACCINE FOR CTL IMMUNITY TO HUMAN IMMUNODEFICIENCY VIRUS

159,765  
199,570

INSTITUTION TOTAL 2 359,335

EYE RESEARCH INSTITUTE OF RETINA FOUNDATION  
1R03 EY09198-01 ZORN, MARK B

COLLAGEN GENE EXPRESSION DURING SCLERAL MATURATION

32,454

INSTITUTION TOTAL 1 32,454

HARVARD UNIVERSITY  
1R01 NS27536-01A2  
1R01 HD26842-01A1  
1R01 GM45720-01

EXPRESSION OF SYNAPTIC VESICLE PROTEINS  
HOMEBOX GENES AND THE MOLECULAR CONTROL OF LIMB PATTERN  
ANALYSIS OF GENERAL TRANSCRIPTION FACTORS IN YEAST

174,038  
142,282  
217,336

INSTITUTION TOTAL 3 533,656

HEBREW REHABILITATION CENTER FOR AGED  
1S07 RR06043-01 KAMINSKAS, EDVARDAS

BIOMEDICAL RESEARCH SUPPORT GRANT

13,852

INSTITUTION TOTAL 1 13,852

MASSACHUSETTS EYE AND EAR INFIRMARY  
1R21 EY08541-01A1 SEDDON, JOHANNA M

CLINICAL VISION RESEARCH DEVELOPMENT AT MEEI

86,995

INSTITUTION TOTAL 1 86,995

MASSACHUSETTS GENERAL HOSPITAL

1R01 CA52756-01A1 BERNARDS, RENE  
1R29 AR39795-01A1 BIGBY, MICHAEL E  
1R29 HL45500-01 BRASIER, ALLAN R  
1R01 DK42543-01A1 ERCOLANI, LOUIS  
1R01 CA55339-01 HARLOW, EDWARD E  
1R29 AR38918-01A3 HASAN, TAYYABA  
1S10 RR06516-01 HELD, KATHRYN D  
1R01 CA54741-01 HIRSCH, MARTIN S  
1R01 HL43819-01A2 HITZIG, BERNARD M  
1R01 GM43901-01A1 KINGSTON, ROBERT E  
1R01 AI30479-01 MILLER, SAMUEL I  
1P30 DK43351-01 PODOLSKY, DANIEL K  
1R01 GM44619-01A1 RUVKUN, GARY B  
1R01 AI31046-01 SACHS, DAVID H

TUMOR PROGRESSION IN NEUROBLASTOMA  
USE OF T-CELL HYBRIDOMAS TO STUDY CUTANEOUS IMMUNOLOGY  
ANGIOTENSINOGEN GENE ACUTE PHASE RESPONSE ELEMENT  
G-PROTEIN REGULATION IN THE KIDNEY  
ONCOGENE-MEDIATED CHANGES IN CELL CYCLE CONTROL  
TETRACYCLINE PHOTOTOXICITY PHOTOBIOLOGY & PHOTOPHYSICS  
X-RAY GENERATOR  
HIV-CMV INTERACTIONS  
VENTILATORY AND ACID-BASE REGULATION IN HYPOTHERMIA  
CHARACTERIZATION OF HUMAN HEAT SHOCK FACTOR  
ROLE OF THE PHOP REGULON IN SALMONELLA VIRULENCE  
CENTER FOR THE STUDY OF INFLAMMATORY BOWEL DISEASE  
CONTROL OF THE C ELEGANS LINEAGE BY HETEROCHRONIC GENES  
TOLERANCE TO VASCULAR ALLOGRAFTS IN MINIATURE SWINE

260,391  
145,327  
116,280  
221,746  
302,029  
129,070  
169,000  
191,737  
242,371  
210,336  
173,689  
979,001  
148,607  
449,157

NIH RESEARCH GRANTS				DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		
MASSACHUSETTS				
BOSTON				
MASSACHUSETTS GENERAL HOSPITAL				
1R01 HL46532-01	SACHS, DAVID H	1	BONE MARROW CULTURE AND ENGRAFTMENT IN A MODEL	364,487
1S03 RR03546-01	SEGRE, GINO V		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	30,000
1R01 AI31158-01	SYKES, MEGAN	1	NEW APPROACH TO PREVENTING GVHD	295,582
1R01 AI30914-01	WALKER, BRUCE D		INHIBITION OF HIV-1 REPLICATION BY CYTOTOXIC LYMPHOCYTES	168,972
1R01 HL45851-01	YEH, EDWARD T		PATHOBIOLOGY OF PAROXYSMAL NOCTURNAL HEMOGLOBINURIA	252,004
INSTITUTION TOTAL		19	4,849,786	
NEW ENGLAND DEACONESS HOSPITAL				
1R01 HL46668-01	GROOPMAN, JEROME E		HIV INFECTION OF HUMAN MEGAKARYOCYTES	236,943
1R01 HL44851-01	SCADDEN, DAVID T		MECHANISMS OF HEMATOPOIESIS IN AIDS	253,229
INSTITUTION TOTAL		2	490,172	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.				
1R01 DE09677-01	PLAUT, ANDREW G		IGA PROTEASES OF MUCOSAL AND CARIOGENIC PATHOGENS	296,743
INSTITUTION TOTAL		1	296,743	
ST. ELIZABETH'S HOSPITAL OF BOSTON				
1R29 AR40580-01A1	WEIR, LAWRENCE		RESTENOSIS AND THE EXPRESSION OF NONMUSCLE MYOSIN	101,995
INSTITUTION TOTAL		1	101,995	
TUFTS UNIVERSITY				
1R01 AI31866-01	BACHOVCHIN, WILLIAM W		DIPEPTIDYL PEPTIDASE IV AND IMMUNE SYSTEM REGULATION	328,654
1R29 DE09088-01A2	GARCIA, RAUL I		VASCULAR ENDOTHELIUM AND PERIODONTAL INFLAMMATION	99,017
1R29 HD24998-01A3	MURRAY, MARY K		STEROID CONTROL OF OVIDUCT DIFFERENTIATION	96,418
1R01 EY08566-01A1	TAYLOR, ALLEN		MECHANISMS OF CATARACT DELAY BY CALORIC RESTRICTION	151,945
1R01 GM44634-01A1	YEE, AMY S		BIOCHEM. REGULATION OF E2F TRANSCRIPTION FACTOR FUNCTION	161,369
INSTITUTION TOTAL		5	837,403	
CITY TOTAL		57	13,591,140	
BURLINGTON				
INTRA-SONIX, INC.				
1R43 HL45376-01	LEDET, EARL G		REAL-TIME IMAGING ARRAY OPTIMIZED FOR VASCULAR THERAPY	50,000
INSTITUTION TOTAL		1	50,000	
CITY TOTAL		1	50,000	



NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
MASSACHUSETTS			
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1R01 HG00395-01	DRACOPOLI, NICHOLAS C	GENETIC MAP OF HUMAN CHROMOSOME 1 AIRWAY OBSTRUCTION AND LIQUID LAYER MOBILITY IN VIVO MEASURE VERSUS DYNAMIC ESTIMATE OF HIP FORCE DEVELOPMENT AND FUNCTION OF LYMPHOCYTES	326,827
1R01 HL45679-01	KAMM, ROGER D		225,593
1R01 AR40036-01A1	MANN, ROBERT W		237,859
1R35 CA53874-01	TONEGAWA, SUSUMU		446,825
INSTITUTION TOTAL	4		1,237,104
SENSIMETRICS CORPORATION			
1R43 DC01174-01	BERKOVITZ, ROBERT A	COMPUTER BASED COURSE IN ACOUSTIC PHONETICS	50,000
INSTITUTION TOTAL	1		50,000
VERTEX PHARMACEUTICALS, INC.			
1R43 GM46164-01	NAVIA, MANUEL A	NOVEL ENZYME IMMOBILIZATION FOR BIOSENSOR APPLICATIONS	49,825
INSTITUTION TOTAL	1		49,825
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH			
1R01 HD27549-01	LEHMANN, RUTH E	GENETIC AND MOLECULAR ANALYSIS OF GERMLINE DETERMINANTS	159,267
INSTITUTION TOTAL	1		159,267
CITY TOTAL	7		1,496,196
DANVERS			
ABIOMED, INC.			
1R43 NS28627-01A1	OCHS, BURT D	MINIATURE IMPLANTABLE TRANSCUTANEOUS OPTICAL DATA LINK	49,998
INSTITUTION TOTAL	1		49,998
CITY TOTAL	1		49,998
LEXINGTON			
AUDIOFILE, INC.			
1R43 DC01225-01	GOLDHOR, RICHARD S	SYSTEM FOR CONVERTING SPEECH INTO SYNTHESIS PARAMETERS	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
NEWTON			
ADVANCED MECHANICAL TECHNOLOGY, INC.			
1R43 AR40796-01	CARIGNAN, FOREST J	FOOT PRESSURE MEASUREMENT WITH HALL EFFECT SENSORS	48,209
INSTITUTION TOTAL	1		48,209

NTH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
CITY TOTAL	1	48,209		
MASSACHUSETTS				
SHREWSBURY				
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC.				
1R01 NS29470-01	LEMONS, JOSE R			197,051
INSTITUTION TOTAL	1	197,051		
CITY TOTAL	1	197,051		
SOMERVILLE				
BINARY TECHNIQUES, INC.				
1R43 DC01166-01	CLACK, WILLIAM F			50,000
INSTITUTION TOTAL	1	50,000		
SCIENCE RESEARCH LABORATORY, INC.				
1R43 DK43556-01	FLUSBERG, ALLEN M			49,951
INSTITUTION TOTAL	1	49,951		
CITY TOTAL	2	99,951		
WALTHAM				
BRANDEIS UNIVERSITY				
1R01 GM43369-01A1	GELLES, JEFF			38,160
1R01 HD27691-01	SIMISTER, NEIL E			142,405
INSTITUTION TOTAL	2	180,565		
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION				
1R29 HD25488-01A2	DUBE, WILLIAM V			69,681
INSTITUTION TOTAL	1	69,681		
CITY TOTAL	3	250,246		
WATERTOWN				
NEW ENGLAND RESEARCH INSTITUTE, INC.				
1R43 AG09715-01	JETTE, ALAN M			49,875
1R43 AG09720-01	TENNSTEDT, SHARON L			49,998
INSTITUTION TOTAL	2	99,873		

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

MASSACHUSETTS

WATERTOWN

RADIATION MONITORING DEVICES, INC.

1R43 CA53944-01

1R43 AR40954-01

ENTINE, GERALD

MILDER, FREDRIC L

INSTITUTION TOTAL 2 99,945

MICRODOSIMETRIC SOLID STATE TISSUE EQUIVALENT DETECTOR  
PEDIATRIC XRF BONE LEAD WITH AN X-RAY GENERATOR

50,000  
49,945

SUMMIT TECHNOLOGY, INC.

1R43 EY09017-01

KLOPOTEK, PETER J

INSTITUTION TOTAL 1 49,900

CITY TOTAL 5 249,718

BEAM HOMOGENEIZER FOR EXCIMER LASER REFRACTIVE SURGERY

49,900

WAYLAND

CANDELA LASER CORPORATION

1R43 EY09002-01

SCHLIER, ROBERT

INSTITUTION TOTAL 1 50,000

CITY TOTAL 1 50,000

LASER HEMOSTASIS WITH SILICON NAPHTHALOCYANINES

50,000

WEST NEWTON

HOWARD M. SHAPIRO, MD, P.C.

1R43 HG00441-01

SHAPIRO, HOWARD M

INSTITUTION TOTAL 1 47,754

CITY TOTAL 1 47,754

NEW APPROACHES TO FLOW SORTING OF CHROMOSOMES

47,754

WORCESTER

UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER

1S10 RR06420-01

KING, MICHAEL A

1R01 AI30358-01A1

KOUP, RICHARD A

1R01 AR39737-01A1

MARKS, SANDY C, JR

1R29 HL46280-01

VISNER, MARC S

INSTITUTION TOTAL 4 985,033

CITY TOTAL 4 985,033

STATE TOTAL 93 17,934,642

ADVANCED SPECT IMAGING SYSTEM  
CELLULAR IMMUNITY TO HIV: STUDIES IN THE HU-SCID MOUSE  
VITAMIN D AND BONE MODELING  
MECHANISM FOR TNF-INDUCED MYOCARDIAL DYSFUNCTION

400,000  
173,968  
302,520  
108,545

MICHIGAN

ANN ARBOR

DIAMOND GENERAL DEVELOPMENT CORPORATION

1R43 HL45402-01

DIAMOND, HOWARD

TISSUE TRANSFER VIABILITY: LONG TERM BEDSIDE MONITORING

50,000

**NIH  
RESEARCH GRANTS**

GRANT NUMBER		PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
INSTITUTION TOTAL		1	50,000		
MICHIGAN					
ANN ARBOR					
UNIVERSITY OF MICHIGAN AT ANN ARBOR					
1R01	NS28330-01A1	BUTTER, CHARLES M	UNILATERAL SPATIAL NEGLECT FOLLOWING STROKE		71,323
1R01	DE08824-01A2	CARLSON, DAVID S	GROWTH FOLLOWING REPLACEMENT OF THE MANDIBULAR CONDYLE		192,714
1R01	AR40864-01	CHAMBERLAIN, JEFFREY S	DYSTROPHIN REPLACEMENT IN MDX MICE		216,308
1R01	DE09086-01A1	CORPRON, RICHARD E	IN VIVO ENAMEL REMINERALIZING FLUORIDE-RELEASING DEVICE		144,587
1S10	RR06434-01	CRAIG, ROBERT G	INSTRON 8501 DIGITAL SERVOPNEUMATIC TESTING INSTRUMENT		233,000
1R01	CA51888-01A1	DIXIT, VISHVA M	NOVEL THROMBOSPONDIN RECEPTORS--SQUAMOUS CARCINOMA CELL		154,952
1R01	GM39227-01A2	KNIGHT, PAUL R, III	VOLATILE ANESTHETIC ACTION AND CA2+ HOMEOSTASIS		306,737
1S10	RR06739-01	KOREEDA, MASATO	PURCHASE OF A NUCLEAR MAGNETIC RESONANCE SPECTROMETER		400,000
1R01	AG09221-01A1	KRAUSE, NEAL M	WELL-BEING IN THE AGED/PERSONAL CONTROL & SELF-ESTEEM		439,794
1R01	AG08279-01A2	MARKUS, HAZEL	SELF-CONCEPT IN LATER ADULTHOOD: PAST, CURRENT, POSSIBLE		285,938
1R01	AR40488-01A1	NICKOLOFF, BRIAN J	DERMAL DENDROCYTES AND AIDS-RELATED PSORIASIS		282,739
1R01	DK42455-01A1	REMICK, DANIEL G	HEPATIC ISCHEMIA INDUCED TNF AND MULTI-ORGAN INJURY		225,539
1R03	CA54362-01	ROGERS, W LESLIE	ESTIMATION STRATEGIES FOR NUCLEAR MEDICAL IMAGING		310,760
1R03	CA54119-01	SCHOTTENFELD, DAVID	COPD AS A RISK FACTOR FOR LUNG CANCER		39,120
1R01	AG08951-01A1	SCHUMAN, HOWARD	GENERATIONAL EFFECTS--PAST PRESENT AND FUTURE		127,254
1R29	AI31126-01	SHIMIZU, YOJI	REGULATION OF VLA INTEGRIN FUNCTION ON HUMAN T CELLS		110,165
1R29	CA54216-01	SHULKIN, BARRY L	PET EVALUATION OF NEUROENDOCRINE TUMORS		109,895
1R01	DK43884-01	SIMA, ANDERS A	PATHOLOGY OF THE NODE RANVIER IN DIABETIC NEUROPATHY		263,560
1S10	RR06414-01	TODD, ROBERT F, III	COULTER ELITE FLOW CYTOMETRY SYSTEM		260,000
1R01	CA53172-01	WAHL, RICHARD L	POSITRON EMISSION TOMOGRAPHY OF GU MALIGNANCIES		231,279
INSTITUTION TOTAL		20			
CITY TOTAL		21			
				4,405,664	
				4,455,664	
DETROIT					
HENRY FORD HOSPITAL					
1R01	AR40554-01A1	BONE, HENRY G	BONE REMODELING IN PAGET'S DISEASE		252,352
1R01	NS29463-01	CHOPP, MICHAEL	INVESTIGATION OF CHRONIC POST ISCHEMIC BRAIN ALKALOSIS		180,466
INSTITUTION TOTAL		2			
				432,818	
WAYNE STATE UNIVERSITY					
1R01	HD27444-01	GOUSTIN, ANTON S	HIV INFECTION OF DEVELOPING PLACENTA		152,579
1R01	ES05483-01	JACOBSON, JOSEPH L	HUMAN EXPOSURE TO PCBs: CONGENERS & DEVELOPMENTAL EFFECT		336,471
1R29	HL45038-01A1	O'LEARY, DONAL S	MECHANISMS OF ARTERIAL PRESSURE CONTROL DURING EXERCISE		97,496
INSTITUTION TOTAL		3			
CITY TOTAL		5			
				586,246	
				1,019,064	



NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR
01-06789	J. Smith
02-07890	M. Jones
03-08901	A. Brown
04-09012	S. White
05-00123	R. Black
06-01234	L. Green
07-02345	K. Red
08-03456	H. Blue
09-04567	B. Yellow
10-05678	N. Purple
11-06789	P. Grey
12-07890	T. Silver
13-08901	C. Gold
14-09012	F. Bronze
15-00123	D. Copper
16-01234	G. Iron
17-02345	V. Steel
18-03456	W. Aluminum
19-04567	Z. Titanium
20-05678	X. Nickel
21-06789	Y. Cobalt
22-07890	Q. Manganese
23-08901	J. Zinc
24-09012	L. Cadmium
25-00123	K. Mercury
26-01234	I. Lead
27-02345	O. Bismuth
28-03456	U. Antimony
29-04567	V. Arsenic
30-05678	N. Selenium
31-06789	M. Tellurium
32-07890	H. Polonium
33-08901	E. Astatine
34-09012	D. Francium
35-00123	C. Radium
36-01234	B. Actinium
37-02345	A. Thorium
38-03456	S. Protactinium
39-04567	R. Uranium
40-05678	T. Neptunium
41-06789	P. Plutonium
42-07890	K. Americium
43-08901	F. Curium
44-09012	G. Berkelium
45-00123	V. Californium
46-01234	W. Einsteinium
47-02345	X. Fermium
48-03456	Y. Mendelevium
49-04567	Q. Nobelium
50-05678	J. Lawrencium
51-06789	L. Rutherfordium
52-07890	K. Dubnium
53-08901	I. Seaborgium
54-09012	O. Bohrium
55-00123	U. Hassium
56-01234	V. Meitnerium
57-02345	N. Darmstadtium
58-03456	M. Roentgenium
59-04567	H. Copernicium
60-05678	E. Nihonium
61-06789	D. Flerovium
62-07890	C. Plesetium
63-08901	B. Livermorium
64-09012	A. Tennessine
65-00123	S. Oganesson

MICHIGAN

EAST LANSHING

EAST LANSING  
MICHIGAN STATE UNIVERSITY

1R01 GM60708-01A2      BURTON. ZACHARY F

1801 GM45200-01  
HO. STII-CHEONG  
DOKION, ZACHARY  
01140706 014Z  
1801

1R01 GM45200-01  
1R29 GM45795-01

INSTITUTION TOTAL	3	425.596
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3	425,596
3	425,596
3	425,596
CITY TOTAL	

TRANSCRIPTION FACTORS THAT BIND TO RNA POLYMERASE II  
CARBOHYDRATE BINDING PROTEIN OF B. JAPONICUM  
PULSED EPR STUDIES OF NICKEL MODEL COMPLEXES

196,359  
124,928  
104,309

OKEMOS

**MERIDIAN INSTRUMENTS, INC.**

1R43 GM45640-01 BURRILL, PETER H

50.000

# USE OF A CCD CAMERA FOR LOW-COST CONFOCAL MICROSCOPY

INSTITUTION TOTAL	1	50.000
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CITY TOTAL 1 50,000

STATE TOTAL	30	5,950.324
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# PROINHIBITORS OF CHEMICAL CARCINOGENESIS

50.000

MINNESOTA

MTNNEAPOLIS

DIETARY LABORATORIES, INC.

1R43 CA52378-01A1 AM. I UKE K T

INSTITUTION TOTAL	1	50.000
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MINNEAPOLIS MEDICAL RESEARCH FOUNDATION, INC.

1503 RR03547-01 SHARP, BURT M. MINNERS, OLIVER MEDICAL RESEARCH FOUNDA

MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM

30.000

INSTITUTION TOTAL	1	30,000

UNIVERSITY OF MINNESOTA OF MTNNEAPOLIS-SAINT PAUL

1R01 DC01086-01 BETTZ, ALVIN J.

1R01 DC01060 01  
1R01 GM42829-01A1  
1R01 GM42829-01A1

1R01 DK43569-01 CHARONIS, ARISTIDIS S

1R01 HD28296-01 GROTEVANT, HAROLD D.

1R01 GM39339-01A3 HOYE, THOMAS R

1R29 AI31373-01  
JANOFF, EDWARD N

1R01 HD27598-01 MARINI, MARGARET M

1R03 DE09889-01 MILLER, CORINNE E

1R29 CA52618-01A1 NUTTER, LOUISE M

1R01 GM43315-01 QUE, LAWRENCE, JR

1R29 GM46052-01 TRANQUILLO, ROBERT T

NEUROCHEMISTRY OF THE VESTIBULAR COMPLEX	159, 523
POTENT CA CHANNEL BLOCKERS FROM SPIDER VENOM	175, 327
NONENZYMATIC GLYCATION OF GLOMERULAR BASEMENT MEMBRANE	127, 083
OPENNESS IN ADAPTIVE FAMILY RELATIONSHIPS	126, 700
C2-SYMMETRIC MACROCYCLIC DIMER SYNTHESIS	118, 683
IMMUNITY TO PNEUMOCOCCUS IN PERSONS WITH HIV	93, 918
FAMILY AND LABOR MARKET BEHAVIOR	170, 264
USE OF DENTAL SEALANTS: A DIFFUSION OF AN INNOVATION	21, 600
MECHANISMS OF RESISTANCE TO MENADIONE	88, 549
IRON AND MANGANESE IN BIOCATALYSTS: A DIOXYGENASE MODEL	86, 368
MODEL IN VITRO ASSAY OF WOUND HEALING AND CONTRACTION	109, 656

159,523  
175,327  
127,083  
126,700  
118,683  
93,918  
170,264  
21,600  
88,549  
86,368  
109,656

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL 1R01 DK43574-01 1R01 HL45545-01 1R01 HL44370-01A1	TSILIBARY, EFFIE C WILSON, THEODORE A ZIMMERMAN, BEN G	14 16	1,613,896 1,693,896	MESANGIAL CELL INTERACTIONS WITH GLUCOSYLATED MATRIX RESPIRATORY ACTION OF THE INTERCOSTAL MUSCLES BRADYKININ VASCULAR INFLUENCE AND ACE INHIBITION	126,147 115,176 94,902
INSTITUTION TOTAL CITY TOTAL		14 16	1,613,896 1,693,896		
MOORHEAD D AND M COMPUTING, INC. 1R43 HL46037-01	ORTNER, DAVID L	1	50,000	RISC PROCESSOR FOR RED CELL VOLUME DISTRIBUTION ANALYSIS	50,000
INSTITUTION TOTAL CITY TOTAL		1 1	50,000 50,000		
NORTHFIELD CARLETON COLLEGE 1R15 HD28177-01	GALOTTI, KATHLEEN M	1	45,476	ADOLESCENTS MAKING A REAL-LIFE DECISION	45,476
INSTITUTION TOTAL CITY TOTAL		1 1	45,476 45,476		
ROCHESTER MAYO FOUNDATION 1R01 NS29603-01 1R29 DK43258-01 1R01 AI31155-01 1S03 RR03555-01 1R01 GM4486-01A1 1R29 DK42008-01A2 1R01 AR39547-01A3	AKSAMIT, ALLEN J CONOVER, CHERYL A GLEICH, GERALD J MCKEAN, DAVID J MICHENFELDER, JOHN D MORRIS, JOHN C, III PITTELKOM, MARK R	1 1 1 1 1 1	75,535 91,952 187,388 10,000 237,661 91,885 122,797	JC VIRUS DNA IN SPINAL FLUID OF PML-AIDS PATIENTS IGF BINDING PROTEINS - REGULATION AND BIOLOGICAL ACTIONS PATHOGENESIS OF THE EOSINOPHILIA-MYALGIA SYNDROME MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM CEREBRAL EFFECTS OF ANESTHESIA-RELATED INTERVENTIONS THYROTROPIN AND ITS RECEPTOR TRANSFORMING GROWTH FACTOR-A REGULATION IN KERATINOCYTES	
INSTITUTION TOTAL CITY TOTAL		7 7	817,218 817,218		
STATE TOTAL		25	2,606,590		
MISSISSIPPI JACKSON UNIVERSITY OF MISSISSIPPI MEDICAL CENTER 1R03 DE10047-01	JOHNSON, ROGER B			EFFECTS OF IGF-1 AND CELL DEFORMATION ON BONE DEPOSITION	21,450

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

MISSISSIPPI

JACKSON  
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER  
1R01 DE09137-01A1 NAFTEL, JOHN P

95,330

REGULATION OF DENTAL INNERVATION BY TROPHIC FACTORS

INSTITUTION TOTAL 2 116,780  
CITY TOTAL 2 116,780

STATE TOTAL 2 116,780

MISSOURI

KANSAS CITY  
UNIVERSITY OF MISSOURI-KANSAS CITY  
1R15 HD28210-01 BAME, KAREN J  
1P01 DE09696-01 EICK, J DAVID  
1S03 RR03548-01 GLAROS, ALAN G  
1R15 DE09023-01A2 MOGHADAM, BEHJAT KH

104,620  
661,638  
12,000  
104,250

MEMBRANE PROTEOGLYCANS OF CHO CELLS  
IMPROVED POLYMERIC RESTORATIVE THROUGH MOLECULAR DESIGN  
MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM  
TRANSFERRIN-RECEPTOR IN HUMAN ORAL MUCOSA

INSTITUTION TOTAL 4 882,508  
CITY TOTAL 4 882,508

KIRKSVILLE

KIRKSVILLE COLLEGE OF OSTEOPATHIC MEDICINE  
1R15 HL44531-01A1 MARTIN, JOHN R

103,316

BAROREFLEX AND POSTERIOR HYPOTHALAMIC NEUROPEPTIDE-Y

INSTITUTION TOTAL 1 103,316  
CITY TOTAL 1 103,316

SAINT LOUIS

BETHESDA EYE INSTITUTE  
1S07 RR06045-01 FLIESLER, STEVEN J

6,143

BIOMEDICAL RESEARCH SUPPORT GRANT

INSTITUTION TOTAL 1 6,143

ST. LOUIS UNIVERSITY

1R01 GM42621-01A2 COULTER, DOUGLAS E  
1R01 GM44588-01A1 ELICEIRI, GEORGE L  
1S03 RR03549-01 LAGUNOFF, DAVID  
1R01 AR40661-01 PARTRIDGE, NICOLA C  
1R01 AG09557-01 STRONG, RANDY

153,098  
166,672  
15,000  
142,771  
109,740

STRUCTURE AND EXPRESSION OF THE ODD-SKIPPED GENE  
HUMAN SMALL NUCLEAR RNAS WITH NOVEL NUCLEOTIDE SEQUENCES  
MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM  
OSTEOBLAST MEDIATED TURNOVER OF COLLAGENASE IN BONE  
MODULATION OF 1H GENE EXPRESSION BY RESERPINE AND AGE

INSTITUTION TOTAL 5 587,081

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY			
1R01 HG00563-01	BERG, DOUGLAS E	ANALYSIS OF THE ESSENTIAL GENES OF E COLI	239,780
1P01 NS29343-01	DAW, NIGEL W	LONG-TERM CHANGES WITH NEUROTRANSMITTER RECEPTORS	917,235
1R01 HG00469-01	DONIS-KELLER, HELEN	FRAMEWORK LINKAGE MAPS FOR CHROMOSOMES 2 6 7 8 12 & 14	1,009,727
1R01 EY08972-01	FERGUSON, THOMAS A	EFFECT OF LIGHT ON THE OCULAR IMMUNE RESPONSE	145,806
1R03 EY09266-01	FLEISCHMAN, JULIAN B	CHARACTERIZATION OF A PLASMA PROTEIN IN PARS PLANITIS	39,994
1R01 HG00223-01	FRISSE, MARK E	HUMAN YEAST ARTIFICIAL CHROMOSOME LIBRARY DATABASE	333,946
1R01 AI29549-01A1	HULTGREN, SCOTT J	CHAPERONE-ASSISTED PILI ASSEMBLY IN PATHOGENIC E. COLI	174,971
1R01 GM45797-01	PAKRASI, HIMADRI B	MOLECULAR BIOLOGY AND BIOCHEMISTRY OF PHOTOSYSTEM II	134,784
1S10 RR06380-01	TEMPLETON, ALAN R	VAX COMPUTER SYSTEM FOR THE BIOLOGY DEPARTMENT	132,000
1R01 DK42658-01A1	TOLLEFSEN, SHERIDA E	STRUCTURE DEFINITION OF IGF I RECEPTOR FUNCTION DOMAINS	99,121
INSTITUTION TOTAL	10		
CITY TOTAL	16		
STATE TOTAL	21		4,806,412
NEBRASKA LINCOLN UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA			
1R01 GM37504-01A4	GUPTA, NABA K	AT LINCOLN	
1S10 RR06301-01	SHOEMAKER, RICHARD K	PROTEIN SYNTHESIS INITIATION IN YEAST (S. CEREVISIAE)	137,028
INSTITUTION TOTAL	2		
CITY TOTAL	2		
OMAHA CREIGHTON UNIVERSITY			
1R01 AR40832-01	RECKER, ROBERT R	1 EFFICACY TRIAL OF CALCIUM IN FRACTURE PREVENTION	213,687
INSTITUTION TOTAL	1		
FATHER FLANAGAN'S BOYS' HOME--BOYS TOWN NATIONAL RESEARCH HOSPITAL			
1R29 DC00952-01	SCHICK, BRENDA S	THE DEVELOPMENT OF PHONOLOGICAL ORGANIZATION IN ASL	96,803
INSTITUTION TOTAL	1		
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
1R29 HL46195-01	BECK, MELINDA A	ENTEROVIRUS INFECTION & REINFECTION: CMI & MYOCARDITIS	95,543
1R01 DK42470-01A1	HAMEL, FREDERICK G	EFFECTS OF VANADIUM ON INSULIN TARGET TISSUES	99,234
1R01 AR40046-01A1	RAO, VELIDI	PATHOGENESIS OF OSTEOGENESIS IMPERFECTA	115,330
INSTITUTION TOTAL	3		



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

CITY TOTAL 5 620,597

STATE TOTAL 7 1,157,625

NEW HAMPSHIRE

DURHAM

UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE

1R15 HL44602-01A1 LACROIX, KAROL A 1

NON-RESPONDERS FOLLOWING VENOUS OCCLUSION

103,279

INSTITUTION TOTAL 1 103,279

CITY TOTAL 1 103,279

HANOVER

DARTMOUTH COLLEGE

1S10 RR06313-01

1R29 NS28767-01A1 GUYRE, PAUL M

MAUE, ROBERT A

FLOW CYTOMETER REPLACEMENT FOR ORTHO 50HH  
REGULATION OF SODIUM CHANNEL EXPRESSION

267,000  
113,105

INSTITUTION TOTAL 2 380,105

CITY TOTAL 2 380,105

STATE TOTAL 3 483,384

NEW JERSEY

CAMDEN

RUTGERS THE STATE UNIVERSITY CAMDEN

1S07 RR07263-01 LEE, HSIN-YI

BIOMEDICAL RESEARCH SUPPORT GRANT

5,000

INSTITUTION TOTAL 1 5,000

CITY TOTAL 1 5,000

EDISON

MARTIN GOFFMAN ASSOCIATES

1R43 HD27816-01

SHI, WEIMIN

INSTRUMENT FOR DECREASING THE FAILURE RATE OF CONDOMS

50,000

INSTITUTION TOTAL 1 50,000

CITY TOTAL 1 50,000

HACKENSACK

MEDICAL MEASUREMENTS, INC.

1R43 NS29316-01

SONES, WILLIAM

NON-INVASIVE ICP MEASUREMENT IN THE NEWBORN

50,000

INSTITUTION TOTAL 1 50,000

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CITY TOTAL	1	50,000	
NEW JERSEY			
HOBOKEN			
SONOKINETICS, INC.			
1R43 HL44771-01A1	WUCHINICH, DAVID G	FLEXIBLE MAGNETOHYDRAULIC ACOUSTIC CATHETER	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
MAPLE SHADE			
INDIVIDUAL AWARD--MOUNTY, JUDITH L.			
1R43 DC01011-01	MOUNTY, JUDITH L	SIGNED LANGUAGE ACQUISITION CHECKLIST	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
NEWARK			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY			
1R13 CA53064-01	HOWELL, ROGER W	INT'L SYMPOSIUM--BIOPHYSICAL ASPECTS OF AUGER PROCESSES	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
PISCATAWAY			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL			
1R01 AG09199-01	HAYASHI, MASANDO	VERTEBRAL ENDOCHONDRAL OSSIFICATION	195,206
1R29 AR40839-01	PENG, ISSAC	ACTIN INCORP. INTO MYOFIBRILS & NONMUSCLE FILAMENTS	119,013
INSTITUTION TOTAL	2	314,219	
CITY TOTAL	2	314,219	
PRINCETON			
MMTC, INC.			
1R43 EY09000-01	PRESSER, ADOLPH	IMPROVED APPARATUS FOR TREATING INTRAOCULAR MELANOMAS	49,937
INSTITUTION TOTAL	1	49,937	
PRINCETON UNIVERSITY			
1R01 AI30743-01	SCHUTT, CLARENCE E	STRUCTURE DETERMINATION OF PERTUSSIS TOXIN	177,481
INSTITUTION TOTAL	1	177,481	

NIH RESEARCH GRANTS			TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR				
CITY TOTAL	2	227,418			
STATE TOTAL	10	749,637			
NEW MEXICO					
ALBUQUERQUE					
TPL, INC.					
1R43 GM45646-01	BROTZMAN, RICHARD W		IMPROVED DYE LASER PUMP SOURCE FOR PHOTODYNAMIC THERAPY		50,000
1R43 NS29317-01	STOLLER, HAROLD M		SOL-GEL COATING FOR PROTECTION OF IMPLANT DEVICES		46,512
INSTITUTION TOTAL	2	96,512			
CITY TOTAL	2	96,512			
LAS CRUCES					
NEW MEXICO STATE UNIVERSITY AT LAS CRUCES					
1R01 GM44529-01	HOFFMAN, ROBERT V		AZACYCLIC SYNTHESIS USING N-SULFONYLOXY AMINES		61,757
INSTITUTION TOTAL	1	61,757			
CITY TOTAL	1	61,757			
LOS ALAMOS					
UNIVERSITY OF CALIFORNIA-LOS ALAMOS NATIONAL LABORATORY					
1R01 EY08610-01A1	AINE, CHERYL J		NEUROMAGNETIC MAPPING OF MULTIPLE VISUAL AREAS IN HUMANS		230,451
1R01 CA51150-01A2	FREYER, JAMES P		NMR SPECTROSCOPY AND IMAGING OF TUMOR MODELS		273,121
INSTITUTION TOTAL	2	503,572			
CITY TOTAL	2	503,572			
STATE TOTAL	5	661,841			
NEW YORK					
ALBANY					
NEW YORK STATE OFFICE OF MENTAL HEALTH					
1R01 AG08849-01A1	DALTON, ARTHUR J		DEMENTIA IN DOWN SYNDROME--LONGITUDINAL EVALUATION		74,269
1R01 AG09439-01	SILVERMAN, WAYNE P		AGING AND MENTAL RETARDATION: CHANGES IN PROCESSING RATE		171,925
INSTITUTION TOTAL	2	246,194			
STATE UNIVERSITY OF NEW YORK AT ALBANY					
1R29 GM44829-01A1	FETROW, JACQUELYN S		STRUCTURAL MODULARITY & PROTEIN FUNCTION IN CYTOCHROME C		98,937
1R15 HL46405-01	STRANEVA, JOHN E		SIGNIFICANCE OF POLYPLIIDIZATION IN MEGAKARYOCYTOPOIESIS		99,072
INSTITUTION TOTAL	2	198,009			
PAGE 44					

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
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NEW YORK ALBANY UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV 1P01 GM40761-01A2 KAPLAN, JOHN E		TISSUE INJURY AND REPAIR: FIBRONECTIN AND MACROPHAGES	829,256
INSTITUTION TOTAL	1		829,256
CITY TOTAL	5		1,273,459

BRIARCLIFF MANOR HASTINGS CENTER, INC. 1R01 HG00418-01 CALLAHAN, DANIEL		ETHICAL PRIORITIES FOR CLINICAL USES OF GENOME RESEARCH	109,541
INSTITUTION TOTAL	1		109,541
CITY TOTAL	1		109,541

BUFFALO HARTLEY ASSOCIATES, INC. 1R43 HD27777-01 KELLEHER-WALSH, BARBARA J		DEVELOPMENT OF A CHILD BIOMECHANIC DATA BASE	50,000
INSTITUTION TOTAL	1		50,000

NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE 1R01 CA54491-01 BANKERT, RICHARD B 1R01 HG00170-01 CHAPMAN, VERNE M		FACTORS AFFECTING HUMAN LUNG TUMOR GROWTH IN SCID MICE CUMULATIVE MULTILOCUS MAP OF MOUSE CHROMOSOME 5	170,291 279,012
INSTITUTION TOTAL	2		449,303

STATE UNIVERSITY OF NEW YORK AT BUFFALO 1R01 CA54507-01 ANDERSON, WAYNE K 1R01 HL45170-01A1 HOLM, BRUCE A 1R01 GM45989-01 LAWRENCE, DAVID S 1R13 CA54182-01 MARSHALL, JAMES R 1R01 CA52519-01A1 NAKAMURA, ICHIRO 1R29 DE09602-01A1 SCHIFFERLE, ROBERT E		DESIGN, SYNTHESIS AND STUDY OF IMPD INHIBITORS PULMONARY OXYGEN TOXICITY--MECHANISMS AND INTERVENTIONS PROBES OF CAMP-DEPENDENT PROTEIN KINASE SPECIFICITY SYMPOSIUM ON FUTURE DIRECTIONS OF DIET AND CANCER GENETIC ANALYSIS OF HEMOPOIETIC HISTOCOMPATIBILITY B GINGIVALIS POLYSACCHARIDES--STRUCTURE AND FUNCTION	162,539 151,567 110,140 1,000 182,377 91,400
INSTITUTION TOTAL	6		699,023

STATE UNIVERSITY OF NEW YORK--COLLEGE AT BUFFALO 1R01 CA53197-01 SIKKA, HARISH C		METABOLISM OF ACETYLAMINOFLOURENE BY RAINBOW TROUT	110,923
INSTITUTION TOTAL	1		110,923
CITY TOTAL	10		1,309,249



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

NEW YORK COLD SPRING HARBOR COLD SPRING HARBOR 1R01 GM44806-01A1 1R01 GM46127-01	LABORATORY KURET, JEFFREY A ROBERTS, RICHARD J	2 2	391,445 391,445	3D-STRUCTURE OF THE CAMP-DEPENDENT PROTEIN KINASE STUDIES OF M5-CYTOSINE METHYLASES	180,117 211,328
INSTITUTION TOTAL CITY TOTAL		2 2	391,445 391,445		
DELMAR INAIR, LTD. 1R43 HL44811-01A1	TOMLINSON, HAROLD W			DLC0 CALIBRATOR	49,129
INSTITUTION TOTAL CITY TOTAL	1 1	49,129 49,129			
IITHACA BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH 1R29 AI31130-01	BLISSARD, GARY W			REGULATION OF VIRAL GENE EXPRESSION IN INSECT CELLS	80,398
INSTITUTION TOTAL	1	80,398			
CORNELL UNIVERSITY ITHACA 1R01 HD28245-01 1R01 HD27689-01 1R03 DC01192-01 1R03 RR06876-01 1S10 RR06248-01 1R01 GM44659-01A1	BLASS, ELLIOTT M KEMPHUES, KENNETH J LAWLESS, HARRY T NATHANIELSZ, PETER W SCHERAGA, HAROLD A WOLFNER, MARIANA F			MECHANISMS UNDERLYING MATERNAL CALMING AND ANALGESIA GENETIC ANALYSIS OF EARLY EMBRYOGENESIS IN C ELEGANS FUNCTIONAL SIGNIFICANCE OF SPECIFIC ANOSMIA AN ELECTRICAL IMPEDANCE IMAGING METHODS TO MONITOR LABOR 500 MHZ NMR INSTRUMENTATION FOR RESEARCH MOLECULAR GENETICS OF PRONUCLEAR FUNCTIONS IN DROSOPHILA	106,050 176,225 25,858 52,381 400,000 158,151
INSTITUTION TOTAL CITY TOTAL	6 7	918,665 999,063			
LAKE PLACID W. ALTON JONES CELL SCIENCE CENTER 1R01 ES05670-01	STEVENS, JAMES L			CHEMICAL PATHOLOGY AND RENAL REPAIR	200,175
INSTITUTION TOTAL CITY TOTAL	1 1	200,175 200,175			
MANHASSET NORTH SHORE UNIVERSITY HOSPITAL 1R01 HL44373-01A1	WILKES, BARRY M			ENDOTHELIN IN HIGH-RISK PREGNANCIES	181,379

# NIH RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

INSTITUTION TOTAL 1 181,379  
CITY TOTAL 1 181,379

NEW YORK  
NEW YORK

AMERICAN HEALTH FOUNDATION

1R13 CA53160-01 WILLIAMS, GARY M  
1R01 ES05642-01 WILLIAMS, GARY M

CANCER MECHANISMS: IMPLICATIONS FOR RISK ASSESSMENT  
MOLECULAR MECHANISMS OF CHEMICAL TOXICITY

4,000  
164,769

INSTITUTION TOTAL 2 168,769

CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK  
1R01 AI28975-01A2 NAIR, RAMACHANDRAN M S

PRODUCTION OF ARTEMESININ BY CELL CULTURES

147,469

INSTITUTION TOTAL 1 147,469

CITY UNIVERSITY OF NEW YORK--COLLEGE OF STATEN ISLAND  
1S03 RR03553-01 CIACCIO, LEONARD A

ST. GEORGE CAMPUS  
MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM

45,000

INSTITUTION TOTAL 1 45,000

CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE

1R01 DK43973-01 KELLEY, KEVIN A 1  
1R01 CA51968-01A1 LIU, BRIAN C 2  
1R03 EY09244-01 MASUR, SANDRA K  
1R29 CA54273-01 MIRA-Y-LOPEZ, RAFAEL  
1R29 NS27924-01A2 TUHRIM, STANLEY  
1R01 EY09074-01 MOLOSIN, JOSE M  
DEVELOPMENT OF CF MODEL AND CFTR ANALYSIS  
ROTEASE INHIBITORS IN HUMAN BLADDER CANCER INVASION  
KERATOCTYCE COLLAGENASE INDUCED VIA FIBRONECTIN RECEPTOR  
RETINOIC ACID AND CYCLIC AMP IN BREAST CANCER  
AN AUTOMATED DATABASE-EXPERT SYSTEM FOR ACUTE STROKE  
FLUOROPHOTOMETRY OF ION TRANSPORT IN CILIARY BODY

123,539  
175,199  
40,500  
102,473  
103,087  
158,792

INSTITUTION TOTAL 6 703,590

COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK

1R01 EY08883-01 DILLON, JAMES P  
1P20 HG00424-01 EFSTRATIADIS, ARGIRIS  
1R01 HL45095-01A1 GOLDBERG, IRA J  
1R29 ES05801-01 HEI, TOM K  
1R01 HL42353-01A3 KLINE, RICHARD P  
1R01 GM43581-01A1 KURJAN, JANET A  
1P01 DE09545-01A1 LAMSTER, IRA B  
1R01 HL44535-01A1 LEONARD, EDWARD F  
1S10 RR06250-01 STALL, ALAN M  
1R01 DE09411-01A1 TERRANOVA, VICTOR P  
PHOTOPHYSICAL STUDIES ON THE CONSTITUENTS OF HUMAN EYE  
PHYSICAL AND GENETIC MAPPING OF HUMAN CHROMOSOME 13  
EXTRACELLULAR REGULATION OF LIPOPROTEIN LIPASE ACTIVITY  
RADIATION, ASBESTOS, AND MUTAGENESIS  
ARRHYTHMOGENIC ION ACTIVITY CHANGES IN CHRONIC ISCHEMIA  
MOLECULAR GENETICS OF YEAST SEXUAL AGGLUTININS  
ORAL FINDINGS IN HIV INFECTION--DIFFERENT RISK GROUPS  
PLASMA PROTEIN REACTIONS IN SEPARATED FLOWS  
BECTON-DICKINSON FACSTAR PLUS  
PERIODONTAL LIGAMENT CELL AUTOCRINE FACTOR

167,850  
870,509  
238,960  
110,789  
277,927  
100,831  
584,692  
142,143  
345,000  
271,058

INSTITUTION TOTAL 10 3,109,759

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK COORDINATING COUNCIL FOR CANCER RESEARCH 1R13 CA54094-01	KOOP, EVERETT C	INTERNATIONAL CONF ON PREVENTION: FACTS, MAYBES & RUMOR	23,000
INSTITUTION TOTAL	1		23,000
CORNELL UNIVERSITY MEDICAL CENTER		PLASTICITY IN THE AGING OLFACTORY SYSTEM	167,695
1R01 AG09686-01	BAKER, HARRIET D	HLH GENE FUNCTION IN FLY NEURONAL CELL DETERMINATION	161,739
1R01 NS28652-01A1	CAUDY, MICHAEL A	BIOCHEMICAL ACTION OF EBNA1 ON EBV REPLICATION ORIGIN	117,069
1R01 CA53525-01	O'DONNELL, MICHAEL E	MOLECULAR SITES REACTIVE WITH A SUPERANTIGEN (MAM)	179,940
1R01 AI31140-01	POSNETT, DAVID N	RETINA: REVERSED MEMBRANE POLARITY IN RPE	168,980
1R01 EY08538-01A1	RODRIGUEZ-BOULAN, ENRIQUE J	SUPERCOMPUTER SIMULATION OF THE MAMMALIAN KIDNEY	204,476
1R01 RR06589-01	STEPHENSON, JOHN L		
INSTITUTION TOTAL	6		999,899
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES		GROWTH FACTORS AND GERM CELL TUMOR DIFFERENTIATION	127,105
1R01 CA54494-01	DMITROVSKY, ETHAN		
INSTITUTION TOTAL	1		127,105
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH		ISOLATION OF AMPLIFIED GENE IN HUMAN GERM CELL TUMORS	122,438
1R29 CA53511-01	HOULDSWORTH, JANE	BIOSYNTHESIS & ACTION OF TRANSFORMING GROWTH FACTOR-A	160,083
1R01 CA53559-01	MASSAGUE, JOAN	STEM CELL ISOLATION CHARACTERIZATION AND AMPLIFICATION	369,718
1R01 HL46546-01	MOORE, MALCOLM A		
INSTITUTION TOTAL	3		652,239
NEW YORK ACADEMY OF SCIENCES		THE CHEMISTRY AND BIOLOGY OF THE FGF	3,000
1R13 CA54155-01	KLGSBRUN, MICHAEL		
INSTITUTION TOTAL	1		3,000
NEW YORK BLOOD CENTER		PROLIFERATION AND DIFFERENTIATION OF ISOLATED STEM CELLS	186,150
1R01 HL46524-01	ADAMSON, JOHN W		
INSTITUTION TOTAL	1		186,150
NEW YORK STATE OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES--INST BASIC RES DEV		NEURONAL CYTOSKELETAL ALTERATIONS IN ALZHEIMER DISEASE	144,175
1R01 AG08076-01A3	IQBAL, KHALID		
INSTITUTION TOTAL	1		144,175
NEW YORK UNIVERSITY		SHARED FLOW CYTOMETRY FACILITY (FACSTAR PLUS)	263,000
1S10 RR06703-01	BASCH, ROSS S		

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

NEW YORK NEW YORK NEW YORK UNIVERSITY 1S10 RR06458-01 1R01 ES05512-01 1R01 DE09560-01A1 1R01 AI30376-01A1 1R01 AI30066-01A1 1P01 AG09480-01 1R01 CA54484-01 1R01 ES05694-01 1R35 CA49731-01A2 1R01 ES05541-01	BROYDE, SUSE B COSTA, MAX CUTTING, COURT B FURMANSKI, PHILIP M LEVITT, ALEXANDRA M LLINAS, RODOLFO R SILBER, ROBERT SOLOMON, JEROME J VILCEK, JAN I WIRGIN, ISAAC I	1 1 1 1 1 1 1 1 1 1	IRIS MODEL 4D220 VGX WORKSTATION CARCINOGENESIS ENVIRONMENTALLY RELEVANT NICKEL COMPOUNDS ANALYSIS OF BIOLOGICAL SURFACE FORM BY RIDGE CURVES MECHANISMS OF ERADICATION OF VIRUS INFECTED MACROPHAGES STAGE SPECIFIC TRANSCRIPTS IN HUMAN MALARIA PARASITES AGING AND NEURONAL DEATH--ROLE OF CYTOSOLIC CALCIUM NOVEL CAMPTOTHECIN ANALOGS IN CLL SIGNIFICANCE OF EPOXIDE-GENERATED 3-ALKYL-URACIL IN DNA MECHANISMS OF TNF/CYTOKINE ACTIONS GENETIC ANALYSIS OF CANCER IN HUDSON RIVER TOMCOD	157,000 176,368 162,010 133,667 146,691 559,877 177,217 175,534 486,043 129,021
INSTITUTION TOTAL	11	2,566,428		
POPULATION COUNCIL 1R01 HD27433-01	PHILLIPS, DAVID M	1	TRANSPLACENTAL TRANSMISSION OF HIV--AN IN VITRO MODEL	185,541
INSTITUTION TOTAL	1	185,541		
PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC. 1R01 AI30138-01A1	NOVICK, RICHARD P	1	MOLECULAR GENETICS OF EXOTOXIN REGULATION IN S. AUREUS	321,253
INSTITUTION TOTAL	1	321,253		
ROCKEFELLER UNIVERSITY 1R01 GM46460-01A1 1R01 NS28896-01A1 1P01 AG09464-01 1R01 HL45394-01A1 1R01 AI31137-01 1R01 AR40391-01A1	CHUA, NAM-HAI GIBBS, ROBERT B GREENGARD, PAUL LEFF, TODD RAY, ANURADHA REEVES, WESTLEY H	1 1 1 1 1 1	LIGHT-RESPONSIVE GENES GONADAL STEROID EFFECTS ON NGF & NGF RECEPTION IN BRAIN SIGNAL TRANSDUCTION AND ALZHEIMER'S DISEASE REGULATION OF APOLIPOPROTEIN CIII HORMONAL REGULATION OF INTERLEUKIN-6 GENE EXPRESSION MECHANISMS OF AUTOANTIBODY PRODUCTION IN SLE	292,161 126,675 901,644 189,334 140,465 205,653
INSTITUTION TOTAL	6	1,855,932		
ST. JOHN'S UNIVERSITY 1S03 RR03551-01	CARTER, TIMOTHY H	1	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	30,000
INSTITUTION TOTAL	1	30,000		
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN 1R29 NS29356-01	MILES, KATHRYN	1	REGULATION OF ACETYLCHOLINE RECEPTOR PHOSPHORYLATION	99,852
INSTITUTION TOTAL	1	99,852		



GRANT NUMBER	PRINCIPAL INVESTIGATOR	NIH RESEARCH GRANTS	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK TOURETTE SYNDROME ASSOCIATION, INC 1R13 NS29346-01	FRIEDHOFF, ARNOLD J	1	SECOND INTN'L SCIENTIFIC SYMPOSIUM ON TOURETTE SYNDROME	25,115
INSTITUTION TOTAL	1	25,115		
YESHIVA UNIVERSITY 1R29 DC00881-01A1 1R01 HG00380-01 1R01 EY08969-01 1S10 RR06486-01 1R03 HL46559-01	FRENZ, DOROTHY A KUCHERLAPATI, RAJU S SPRAY, DAVID C SPUDICH, JOHN L WASSERTHEIL-SMOLLER, SYLVIA		ROLE OF GROWTH FACTORS IN OTIC CAPSULE FORMATION HUMAN GENOME DISSECTION BY HOMOLOGOUS RECOMBINATION LENS GAP JUNCTIONS: IDENTITY AND PROPERTIES MULTISTATION COMPUTERIZED MOTION ANALYSIS SYSTEM DISH DATA ANALYSIS STUDY	115,155 315,904 134,232 192,000 84,217
INSTITUTION TOTAL CITY TOTAL	5 61	841,508 12,235,784		
ROCHESTER EASTMAN DENTAL CENTER 1R01 DE08946-01A2	BILLINGS, RONALD J		ASSESSMENT OF RISK OF CAVES ONSET IN CHILDREN	259,060
INSTITUTION TOTAL	1	259,060		
UNIVERSITY OF ROCHESTER 1S10 RR06252-01 1R03 EY09217-01 1R29 AR40933-01 1R29 DE09832-01 1R01 NS29400-01 1R29 HL42573-01 1R01 AI29433-01A1 1S10 RR06731-01 1R01 HL45998-01	BRYANT, ROBERT G EPSTEIN, LEON G GASPARI, ANTHONY A LANDESBURG, REGINA OLSCHOWKA, JOHN A PALIS, JAMES SHERMAN, FRED TURNER, DOUGLAS H WHEELLESS, LEON L		400 MHZ WIDE BORE NMR SPECTROMETER HIV INFECTION OF NEURAL XENOGRAFT IN VITRO STUDIES OF HUMAN T-CELL UNRESPONSIVENESS TEMPOROMANDIBULAR JOINT: CELLULAR AND MOLECULAR BIOLOGY INTERACTION OF INTERLEUKIN 1 WITH CRF NEURONS GENE EXPRESSION DURING MAMMALIAN YOLK SAC HEMATOPOIESIS INSTABILITIES OF THE PATHOGENIC YEAST CANDIDA ALBICANS COMPUTER GRAPHICS EQUIPMENT QUANTITATIVE IMAGE ANALYSIS STUDY OF SICKLE CELLS	400,000 39,250 109,900 107,049 152,810 98,990 134,113 172,000 341,234
INSTITUTION TOTAL CITY TOTAL	9 10	1,555,346 1,814,406		
SARANAC LAKE TRUDEAU INSTITUTE, INC. 1R01 AI31344-01	HILL, JOSEPH O		IMMUNITY AGAINST OPPORTUNISTIC CRYPTOCOCCUS NEOFORMANS	197,097
INSTITUTION TOTAL CITY TOTAL	1 1	197,097 197,097		

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
NEW YORK SETAUKET APPLIED BIOMATHEMATICS, INC. 1R43 AI30864-01	MILLSTEIN, JEFFREY A		DETECTING SITES AT RISK OF BECOMING FOCI OF LYME DISEASE	18,000
INSTITUTION TOTAL CITY TOTAL	1 1	18,000 18,000		
STONY BROOK MOLTECH CORPORATION 1R43 HL46095-01	HALE, PAUL D		ADVANCED BIOSENSORS FOR THE MEASUREMENT OF CHOLESTEROL	46,000
INSTITUTION TOTAL	1	46,000		
STATE UNIVERSITY OF NEW YORK AT STONY BROOK 1R01 CA54699-01 1S03 RR03552-01	FIELDS, STANLEY GARANT, PHILIAS		YEAST SYSTEM TO DETECT ONCOPROTEIN-ASSOCIATED PROTEINS MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	172,210 15,000
INSTITUTION TOTAL CITY TOTAL	2 3	187,210 233,210		
TROY COROMED, INC. 1R43 HL45398-01	D'AMBRA, THOMAS E		CAM-PDE I INHIBITORS FOR CARDIOVASCULAR THERAPY	50,000
INSTITUTION TOTAL	1	50,000		
RENSELAEER POLYTECHNIC INSTITUTE 1R01 GM44127-01A1 1S10 RR06245-01	FRYE, LEAH L SCHULTZ, ARTHUR G		SYNTHETIC ION CHANNELS PURCHASE OF A HIGH FIELD NMR SPECTROMETER	86,558 400,000
INSTITUTION TOTAL CITY TOTAL	2 3	486,558 536,558		
STATE TOTAL	107	19,548,495		
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	BAWDEN, JAMES W BROUWER, KIM L BURRIDGE, KEITH W		WORKSHOP: CHANGING PATTERNS IN SYSTEMIC FLUORIDE INTAKE ALTERED HEPATIC DISPOSITION OF ANIONIC DRUGS: MECHANISM INTEGRIN-CYTOSKELETAL INTERACTIONS IN PLATELETS	65,000 90,166 209,719

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH 1R01 DE09426-01A1 1R01 CA54508-01 1R01 NS29471-01 1R01 HD27690-01 1R01 HD26871-01A1 1S10 RR06317-01	CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL FLOOD, PATRICK M LEE, KUO-HSIUNG MC CARTHY, KEN D RINDFUSS, RONALD R UNDERWOOD, LOUIS E WOLFENDEN, RICHARD V	1 1	IMMUNOGENICITY OF FIMBRILLIN FROM B. GINGIVALIS NOVEL INHIBITORS OF DNA TOPOISOMERASE II CA IN MYELIN PRODUCING CELLS TEEN CONTRACEPTIVE BEHAVIOR IN A CHANGING ENVIRONMENT NUTRITIONAL CONTROL OF IGF-I AND GROWTH 500 MHZ NMR SPECTROMETER	165,601 201,608 183,086 106,405 164,342 299,000
INSTITUTION TOTAL CITY TOTAL	9 9	1,484,927 1,484,927		

DURHAM DUKE UNIVERSITY 1P30 AG09463-01 1R01 CA54092-01 1R01 AI31209-01 1R29 HL45290-01A1 1R01 GM44666-01A1 1S10 RR06387-01 1R37 AG08937-01 1R01 GM43816-01A1 1R01 AG09663-01 1R01 DC01065-01 1R01 NS29482-01 1R01 HL44998-01A1	COHEN, HARVEY J COLEMAN, R EDWARD CORLEY, RONALD B EMERY, CHARLES F GARRETT, STEPHEN HARRELL, FRANK E HEYMAN, ALBERT PIRRUNG, MICHAEL C REVES, J G SIMON, SIDNEY A TURNER, DENNIS A WILLIAMS, REDFORD B, JR	12 12	GERIATRIC RESEARCH AND TRAINING CENTERS SPECIFIC APPLICATIONS OF PET AND MRS IN BRAIN TUMORS IGM POLYMERIZATION AND J CHAIN EXPRESSION EXERCISE AND COGNITION IN OLDER ADULTS WITH COPD GENETIC ANALYSIS OF GROWTH AND CELL CYCLE IN YEAST BIOSTATISTICAL COMPUTING RESOURCE RACE DIFFERENCES IN PREVALENCE AND INCIDENCE OF DEMENTIA MOLECULAR METAPHORS IN BIOORGANIC CHEMISTRY AGING AND COGNITION AFTER CARDIAC SURGERY CHEMICAL RESPONSES OF ORAL TRIGEMINAL NERVES SYNAPTIC INTEGRATION AND LESIONING OF PRE-LABELED GRAFTS HOSTILITY & CORONARY RISK: ROLE OF WEAK VAGAL FUNCTION	481,412 380,968 137,138 104,105 146,604 242,000 344,354 135,648 227,982 122,143 100,424 223,738
INSTITUTION TOTAL CITY TOTAL	12 12	2,646,516 2,646,516		

GREENVILLE UNIVERSITY OF NORTH 1R01 AR40540-01A1 1R01 AI28884-01A1	CAROLINA SYSTEM--EAST CAROLINA UNIVERSITY CHALOVICH, JOSEPH M SMITH, CHARLES J	2 2	ROLE OF WEAKLY BOUND CROSSBRIDGES IN MUSCLE CONTRACTION B. FRAGILIS MULTIPLE DRUG RESISTANCE--ORIGIN AND CONTROL	94,963 144,556
INSTITUTION TOTAL CITY TOTAL	2 2	239,519 239,519		

RALEIGH UNIVERSITY OF NORTH 1R01 GM45146-01	CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH MACKAY, TRUDY F		QUANTITATIVE TRAIT LOCI IN DROSOPHILA	109,633
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NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
<b>OHIO</b>		
<b>CLEVELAND</b>		
CASE WESTERN RESERVE UNIVERSITY		
1R03 DE09573-01	BADEN, SALLY T	DEVELOPING NEURONAL PATHWAYS TO THE ORAL EPITHELIUM
1R01 HL44889-01A1	BRUCE, EUGENE N	STOCHASTIC FACTORS IN IRREGULAR AND PERIODIC BREATHING
1R01 DK43999-01	DAVIS, PAMELA B	TARGETING GENES TO CELLS RELEVANT TO CYSTIC FIBROSIS
1R29 HL44514-01A1	ERNSBERGER, PAUL R	CLONIDINE & THE IMIDAZOLE RECEPTOR IN HYPERTENSION
1R29 AR40672-01	HAQQT, TARIQ M	T CELL RECEPTOR V GENES IN COLLAGEN INDUCED ARTHRITIS
1R37 AG08557-01A2	HAUG, MARIE R	STRESSES, STRAINS AND ELDERLY PHYSICAL HEALTH -REVISED
1R29 AR40829-01	HERING, THOMAS M	CARTILAGE PROTEOGLYCAN AGGREGATE FUNCTIONAL INTERACTIONS
1R01 HL45659-01	HOSKINS, LANSING C	ENZYMATIC PRODUCTION OF UNIVERSAL DONOR ERYTHROCYTES
1R03 EY09186-01	KAMINSKI, HENRY J	EXPRESSION OF ACHR MRNA IN EXTRAOCULAR MUSCLE
1R01 AC08332-01A1	KOWAL, JEROME	METABOLISM AND FUNCTION IN THE AGING ADRENAL GLAND
1R01 HL44920-01A1	MC FADDEN, E REGIS, JR	PATHOPHYSIOLOGY OF AIRWAY EFFECTS TO COLD EXPOSURE
1R01 DK43039-01A1	NILSON, JOHN H	REGULATION OF EQUINE CHORIONIC GONADOTROPIN EXPRESSION
1R01 NR02248-01A1	RUDY, ELLEN B	SPECIAL CARE UNIT MODEL FOR LONG-TERM CRITICALLY ILL
1R01 CA52683-01A1	SEDMICK, W DAVID	ANTHRACYCLINE-INDUCED DNA SEQUENCE SPECIFIC MUTATION
1R01 ES05540-01	SEDMICK, W DAVID	IONIZING RADIATION INDUCED MUTATION IN ENDOGENOUS GENES
1R01 AR40197-01A1	WALSH, KENNETH	MOLECULAR CONTROL DURING MYOGENESIS
1R29 AR40844-01	WOOD, GARY S	ANALYSIS OF DENDRITIC CELL LEUKOCYTE COMMON ANTIGEN
INSTITUTION TOTAL	17	2,259,151
<b>CLEVELAND CLINIC FOUNDATION</b>		
1R01 GM45985-01	IM, MIE-JAE	G-PROTEIN AND PHOSPHOLIPASE C IN HORMONE SIGNALING
1R29 NS29095-01	TUOHY, VINCENT K	IMMUNOREGULATION OF PLP-INDUCED ENCEPHALOMYELITIS
INSTITUTION TOTAL	2	236,174
CITY TOTAL	19	2,495,325
<b>COLUMBUS</b>		
OHIO STATE UNIVERSITY		
1R01 HL46652-01	ANDERSON, CLARK L	PLATELET FC RECEPTOR IN HIV THROMBOCYTOPENIA
1R10 HL45694-01	CORNHILL, J FREDERICK	RISK FACTORS IN EARLY HUMAN ATHEROGENESIS
1R29 GM45570-01	DAVIS, KEITH R	GENETIC APPROACHES FOR IDENTIFYING PLANT DEFENSE GENES
1R03 DE09807-01	GRIFFEN, ANN L	MOLECULAR METHODS FOR STRAIN IDENTIFICATION OF A
1R01 NS29441-01	HORROCKS, LLOYD A	MECHANISMS OF LIPASE ACTIVATION IN ALZHEIMER'S DISEASE
1R13 DC01085-01	LIM, DAVID J	RECENT ADVANCES IN OTITIS MEDIA--RESEARCH CONFERENCE
1S03 RR03554-01	MORROW, LESTER G	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM
1R13 DE09884-01	SCHROEDER, KATHLEEN L	FIRST INTERNATIONAL CONFERENCE ON SMOKELESS TOBACCO
1R01 CA53896-01	SOLOWAY, ALBERT H	CARBORANYL NUCLEOTIDES-POTENTIAL DNA PROBES FOR BNCT
1R03 DC01031-01A1	WALDRON, MANJULA B	FEASIBILITY OF USING NEURAL NETWORKS TO STUDY ASL SIGNS
INSTITUTION TOTAL	10	755,560
CITY TOTAL	10	755,560

DOLLARS  
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NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>OKLAHOMA</b>			
OKLAHOMA CITY UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER 1R03 DC01223-01	ROSS, CHARLES D	QUANTITATION & LOCALIZATION OF AMINO ACIDS IN BRAIN	36,385
INSTITUTION TOTAL	3		501,570
CITY TOTAL	4		889,560
STATE TOTAL	5		952,103
<b>OREGON</b>			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY 1R01 ES05533-01	BUHLER, DONALD R	HORMONAL REGULATION OF CARCINOGENESIS IN TROUT	118,856
1R01 ES05543-01	CURTIS, LAWRENCE R	INDUCTION OF CARCINOGEN BINDING PROTEINS IN FISH	127,079
INSTITUTION TOTAL	2		245,935
CITY TOTAL	2		245,935
<b>EUGENE</b>			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON 1R01 GM42618-01A1	REMINGTON, STEPHEN J	STRUCTURE, MECHANISM AND REGULATION OF GLYCEROL KINASE	116,451
INSTITUTION TOTAL	1		116,451
CITY TOTAL	1		116,451
<b>PORTLAND</b>			
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER 1S03 RR03556-01	BARMACK, NEAL H	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	15,000
INSTITUTION TOTAL	1		15,000
<b>MEDICAL RESEARCH FOUNDATION OF OREGON</b>			
1R01 HD27143-01A1	MALLEY, ARTHUR	STUDIES ON THE IMMUNOLOGICAL BASIS OF FETAL TOLERANCE	138,381
INSTITUTION TOTAL	1		138,381
<b>OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY</b>			
1R01 NS28504-01A1	ADELMAN, JOHN P	STRUCTURE AND FUNCTION OF MAMMALIAN POTASSIUM CHANNELS	195,214
1R01 AR40678-01	ANSEL, JOHN C	NEUROKININ ACTIVATION OF NORMAL HUMAN KERATINOCYTES	106,524
1R01 CA54149-01	KABAT, DAVID	ERYTHROPOIETIN RECEPTORS IN LEUKEMIA	159,115
1S03 RR03557-01	MENASHE, VICTOR D	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	15,000

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY			
1R01 EY09117-01	MORRISON, JOHN C	EXTRACELLULAR MATRIX COMPOSITION OF THE OPTIC NERVE HEAD	99,247
INSTITUTION TOTAL	5	575,100	
VIRTUAL CORPORATION			
1R43 DC01001-01	BIRCK, JONATHAN D	A DUAL-PROBE IMPEDANCE TESTER	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	8	778,481	
STATE TOTAL	11	1,140,867	
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1R01 HL43215-01A2	SCADUTO, RUSSELL C, JR	CONTROL OF CARDIAC RESPIRATION BY CALCIUM	189,528
1R01 CA54559-01	WIGDAHL, BRIAN	PATHOGENESIS OF HTLV-1 IN DEVELOPING NERVOUS SYSTEM	135,439
INSTITUTION TOTAL	2	324,967	
CITY TOTAL	2	324,967	
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
1R01 HG00233-01	PUCK, JENNIFER M	XCEN-XQ21.3 IN OVERLAPPING YEAST ARTIFICIAL CHROMOSOMES	214,668
INSTITUTION TOTAL	1	214,668	
HAHNEMANN UNIVERSITY			
1R01 AR40404-01A1	BIGLER, ROBERT D	ANTI-IDIDIOTYPE ANTIBODIES IN CUTANEOUS T CELL LYMPHOMA	151,385
1R01 NS28165-01A2	STORELLA, ROBERT J	PRE- AND POSTJUNCTIONAL ACTIONS OF CHOLINERGICS	186,578
INSTITUTION TOTAL	2	337,963	
MEDICAL COLLEGE OF PENNSYLVANIA			
1R29 AI28833-01A2	LIPUMA, JOHN J	HAEMOPHILUS INFLUENZAE B VIRULENCE: ROLE OF HAEMOCIN	105,527
1R01 NR02642-01	MOSSEY, JANA M	NURSE INTERVENTION WITH DEPRESSED MEDICALLY ILL ELDERLY	293,397
INSTITUTION TOTAL	2	398,924	
MONELL CHEMICAL SENSES CENTER			
1R01 DC01107-01	RAMIREZ, ISRAEL	CHEMORECEPTION FOR INSOLUBLE SUBSTANCES--STARCH & OIL	78,545
INSTITUTION TOTAL	1	78,545	



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA PHILADELPHIA GERIATRIC CENTER-FRIEDMAN HOSPITAL OF 1R01 AG09065-01A1 LUBORSKY, MARK R		CONTINUITY OF PERSONAL MEANING AND WELL BEING IN OLD AGE	134,521
INSTITUTION TOTAL	1		134,521
TEMPLE UNIVERSITY			
1R01 AG08870-01A1	COSLETT, HARRY B	NEUROPSYCHOLOGY OF PERCEPTUAL DISORDERS IN DEMENTIA	111,393
1R01 DC01094-01	MC ELLIGOTT, JAMES G	PHARMACOLOGY OF VESTIBULO-OCULAR REFLEX ADAPTATION	112,704
1R29 AR39876-01A3	POPOFF, STEVEN N	BONE RESORPTION: IMMUNE AND ENDOCRINE RELATIONSHIPS	99,506
INSTITUTION TOTAL	3		323,603
THOMAS JEFFERSON UNIVERSITY			
1R01 HL45593-01	BJORNSSON, THORIR D	PHARMACOLOGY OF ENDOTHELIAL CELL TPA/UPA SYNTHESIS	284,176
1R01 DE09540-01A1	GREENE, ROBERT M	GROWTH FACTOR REGULATION OF CELL DIFFERENTIATION	133,927
1R01 DK43620-01	WILLIAMS, STUART K	NONENZYMATIC GLYCATION IN DIABETIC KIDNEY DISEASE	129,636
1R01 GM45772-01	WINTER, EDWARD P	ANALYSIS OF AN OLIGO(DA) OLIGO(DT) BINDING PROTEIN	174,727
INSTITUTION TOTAL	4		722,466
UNIVERSITY OF PENNSYLVANIA			
1R29 HL46311-01	ALBELDA, STEVEN M	ENDOCAM/PECAM--A NOVEL VASCULAR CELL ADHESION MOLECULE	78,931
1R01 GM45773-01	ALWINE, JAMES C	MECHANISMS OF POLYADENYLATION IN VIRAL SYSTEMS	198,743
1R01 AR40194-01A1	DUCHEYNE, PAUL	MECHANISMS OF ION RELEASE FROM TITANIUM AND ITS ALLOYS	163,594
1R01 AT27828-01A3	FARRELL, JAY P	T CELL SUBSETS IN CUTANEOUS LEISHMANIASIS	258,946
1R01 GM42626-01A2	GAULTON, GLEN N	REGULATION OF T CELL GROWTH BY GLYCOSYL-PI	176,343
1R01 AG09399-01	GROSSMAN, MURRAY	COGNITIVE PROFILES IN ALZHEIMERS DISEASE AND AGING	179,414
1R01 CA54356-01	LEWITT, ROBERT M	DIGITAL IMAGE REPRESENTATIONS FOR TOMOGRAPHIC RADIOLOGY	246,036
1R29 HL45179-01A1	LISTERUD, JOHN	SIGNAL LOSS IN MAGNETIC RESONANCE ANGIOGRAPHY	125,130
1R01 AR40840-01	NACHMIAS, VIVIANNE T	5 KDA PEPTIDE AND ITS INTERACTION WITH ACTIN	188,903
1R01 AR40393-01A1	NUNAMAKER, DAVID M	FATIGUE OF BONE RELATIONSHIPS TO EXERCISE	266,534
1R24 RR05976-01A1	OPELLA, STANLEY J	PROTEIN STRUCTURE BY SOLID-STATE NMR SPECTROSCOPY	449,394
1R01 DE09684-01	SHAPIRO, IRVING M	OXIDATIVE METABOLISM & GROWTH PLATE MINERALIZATION	186,100
1R01 HL46206-01	SPITALNIK, STEVEN L	BIOLOGY OF THE HUMAN GLYCOPHORIN BLOOD GROUP ANTIGENS	163,301
1R29 HL45123-01A1	STOECKERT, CHRISTIAN J, JR	TRANSFERRED GLOBIN REGULATION IN HUMAN ERYTHROBLASTS	106,590
1R01 NS29331-01	WELSH, FRANK A	CEREBRAL ISCHEMIA AND EXPRESSION OF STRESS GENES	144,428
1R29 CA56428-01	WILLIAMS, THOMAS M	IMMUNOBIOLOGY OF INTERLEUKIN-2 REGULATION	112,778
INSTITUTION TOTAL	16		3,045,165
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1P01 CA52009-01A1	REDDY, PREMKUMAR E	VIRUSES AND ONCOGENES IN HEMATOPOIETIC MALIGNANCIES	840,182
1S10 RR06401-01	TRINCHIERI, GIORGIO	SHARED INSTRUMENTATION/CELL SORTER	261,000
INSTITUTION TOTAL	2		1,101,182

NIH RESEARCH GRANTS			DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		
CITY TOTAL	32	6,357,037		
PENNSYLVANIA				
PITTSBURGH				
CHILDREN'S HOSPITAL	OF PITTSBURGH			
1R29 HD27503-01	ARSLANIAN, SILVA	ENERGY METABOLISM AND INSULIN RESISTANCE DURING PUBERTY	76,200	
INSTITUTION TOTAL	1			
EYE AND EAR INSTITUTE OF PITTSBURGH				
1R01 EY08391-01A2	MANDARINO, LAWRENCE J	BIOCHEMICAL MECHANISMS OF RETINAL CAPILLARY DYSFUNCTION	217,454	
INSTITUTION TOTAL	1			
MONTEFIORE HOSPITAL				
1R01 NS26610-01A3	ADLER, SHELDON	EFFECT OF HYPONATREMIA ON BRAIN PH FUNCTION MORPHOLOGY	219,179	
INSTITUTION TOTAL	1			
UNIVERSITY OF PITTSBURGH				
1R01 NS29365-01	AIZENMAN, ELIAS	REDOX MODULATION OF NMDA RECEPTORS	117,412	
1R01 GM47124-01	BRANCH, ROBERT A	MECHANISMS OF AMPHOTERICIN B NEPHROTOXICITY	191,561	
1R01 HD28088-01	CHAKRAVARTI, ARAVINDA	GENETIC ANALYSIS OF HIRSCHSPRUNG DISEASE	120,453	
1R01 NR02108-01A2	CONSTANTINO, ROSE E	NURSING POSTVENTION FOR WIDOWS & WIDOWERS	147,271	
1R01 AG09470-01	GLORIOSO, JOSEPH C	ALZHEIMERS DISEASE STUDIES USING HSV GENE TRANSFER	165,329	
1R01 NS29525-01	HOFFMAN, ERIC P	IMPROVED DIAGNOSIS OF THE MUSCULAR DYSTROPHIES	159,072	
1R01 NS28477-01A1	HOFFMAN, GLORIA E	IMMUNOREACTIVE FOS MAPS FUNCTIONAL HYPOTHALAMIC ANATOMY	216,081	
1R01 NS28730-01A1	HOFFMAN, GLORIA E	C-FOS INDUCTION MAPS ACIIVATION OF LHRH NEURONS	178,390	
1R35 AG08974-01	PETTEGREW, JAY W	MOLECULAR STUDIES IN ALZHEIMER'S DISEASE	749,789	
1R01 HD25145-01A3	POMERANTZ, STEVEN M	BIOPSYCHOLOGY OF PRIMATE MALE SEXUAL BEHAVIOR	94,166	
1R01 AI28721-01A2	RINALDO, CHARLES R, JR	NATURAL KILLER CELL RESPONSE TO HIV	123,781	
1R01 CA50694-01A2	SIEGFRIED, JILL M	IGF-I RELATED PEPTIDES IN THE PATHOLOGY OF LUNG CANCER	147,456	
1R01 GM44842-01A1	WEBER, STEPHEN G	SENSITIVE AND SELECTIVE DETECTION OF PEPTIDES	146,857	
INSTITUTION TOTAL	13			
CITY TOTAL	16			
			2,557,618	
			3,070,451	
UNIVERSITY PARK				
PENNSYLVANIA STATE	UNIVERSITY AT UNIVERSITY PARK			
1R01 DE09459-01A1	GAY, CAROL V	FUNCTIONAL STUDIES OF OSTEOBLASTS	163,955	
1R01 GM44613-01A1	JOHNSON, KENNETH A	MECHANISM AND FIDELITY OF DNA REPLICATION	168,102	
1R29 GM44974-01A1	MERZ, KENNETH M, JR	THEORETICAL STUDY--METALLOENZYME STRUCTURE AND FUNCTION	98,253	
1R13 AG09787-01	SCHAIKE, K WARNER	CONFERENCE PROGRAM ON STRUCTURE AND AGING	17,764	

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

PENNSYLVANIA UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK 1R01 HL44491-01A1 WOJCHOWSKI, DON M	IN VITRO STUDIES OF ERYTHROPOIETIN ACTION	130,284
INSTITUTION TOTAL 5 578,358 CITY TOTAL 5 578,358 STATE TOTAL 55 10,330,813		
RHODE ISLAND KINGSTON GORDON RESEARCH CONFERENCES 1R13 GM45446-01 KORNFELD, ROSALIND H 1R13 CA53709-01 PIERSCHBACHER, MICHAEL D 1R13 CA54130-01 SETLOW, RICHARD B	GORDON CONFERENCE: GLYCOPROTEINS AND GLYCOLIPIDS GORDON CONFERENCE ON FIBRONECTIN & RELATED MACROMOLECULE GORDON RESEARCH CONFERENCE ON MAMMALIAN DNA REPAIR	4,000 7,500 4,000
INSTITUTION TOTAL 3 15,500 CITY TOTAL 3 15,500		
PROVIDENCE BROWN UNIVERSITY 1R22 AI31224-01 KNOPE, PAUL M 1R01 AI29900-01A2 PARKER, KATHLYN A	EXPRESSION OF A GENE FOR AN S MANSONI VACCINE ANTIGEN SYNTHESIS OF COMPOUNDS WITH ANTI-HIV ACTIVITY	208,276 138,970
INSTITUTION TOTAL 2 347,246		
INSTITUTE FOR BEHAVIORAL MEDICINE, INC. 1R43 HL46071-01 GORKIN, LARRY	CPR FOR FAMILIES: VIDEOTAPE DEVELOPMENT	50,000
INSTITUTION TOTAL 1 50,000		
RHODE ISLAND HOSPITAL 1R01 HL45157-01A1 FRITZ, GREGORY K	EPIDEMIOLOGY SYMPTOM PERCEPTION IN CHILDHOOD ASTHMA	393,865
INSTITUTION TOTAL 1 393,865		
ROGER WILLIAMS GENERAL HOSPITAL 1R01 CA54763-01 SHARMA, SURENDRA	PATHOGENETIC EVALUATION OF AIDS ASSOCIATED LYMPHOMAS	264,149
INSTITUTION TOTAL 1 264,149 CITY TOTAL 5 1,055,260 STATE TOTAL 8 1,070,760		

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>SOUTH CAROLINA</b>			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
1510 RR06422-01	CARABELLO, BLASE A	UPGRADE OF ANGIOGRAPHIC FACILITY	326,000
INSTITUTION TOTAL	1		326,000
CITY TOTAL	1		326,000
<b>COLUMBIA</b>			
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA			
1R01 HD27581-01	MILLETTE, CLARKE F	FUCOSYLTRANSFERASE DURING MAMMALIAN SPERMATOGENESIS	132,955
INSTITUTION TOTAL	1		132,955
CITY TOTAL	1		132,955
STATE TOTAL	2		458,955
<b>TENNESSEE</b>			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
1R01 ES05405-01A1	DAWSON, DOUGLAS A	MIXTURE TERATOGENESIS--RELATION TO MECHANISMS AND QSARS	67,920
INSTITUTION TOTAL	1		67,920
CITY TOTAL	1		67,920
<b>MEMPHIS</b>			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
1R01 GM45737-01	JACKOWSKI, SUZANNE	REGULATION OF MEMBRANE BIOSYNTHESIS BY CSF-1	160,962
INSTITUTION TOTAL	1		160,962
<b>STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--MEMPHIS STATE UNIVERSITY</b>			
1R01 HL46152-01	GARTNER, THEODORE K	PEPTIDE MIMICS OF THE FG RECEPTOR LIGAND BINDING SITES	157,104
1R15 HD28216-01	PERRY, EDWARD H	TRANS-EPIDERMAL WATER LOSS IN PREMATURE INFANTS	98,162
INSTITUTION TOTAL	2		255,266
<b>UNIVERSITY OF TENNESSEE AT MEMPHIS</b>			
1R29 AR40595-01A1	MYERS, LINDA K	IMMUNOGENIC EPITOPES OF COLLAGEN CRITICAL IN ARTHRIIS	94,358
1R29 NS28811-01A1	SENOGLLES, SUSAN E	SIGNAL TRANSDUCTION OF THE D2 DOPAMINE RECEPTOR SUBTYPES	98,584
1R29 AR40901-01	THOMASON, DONALD B	ACTIVITY-DEPENDENT POLYPEPTIDE ELONGATION IN MUSCLE	96,611
INSTITUTION TOTAL	3		289,553
CITY TOTAL	6		705,781



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

TENNESSEE  
NASHVILLE  
VANDERBILT UNIVERSITY  
1S07 RR06034-01 ABBEY, JUNE C 1  
1R29 HL46344-01 ALEXANDER, JOE, JR  
1R01 DK43706-01 CHERRINGTON, ALAN D  
1R01 HL46017-01 FUNK, COLIN D  
1R01 ES05509-01 HARRIS, THOMAS M  
1R01 RR06558-01 HARRIS, THOMAS R  
1R01 GM44295-01A1 MAYER, STEVEN E  
1R01 AT29377-01A1 MONTEFIORI, DAVID C  
1R01 AI31326-01 ROBINSON, WILLIAM E, JR  
1R01 DK44557-01 RUSSELL, WILLIAM E  
1R10 HL45718-01 VIRMANI, RENU  
INSTITUTION TOTAL 11 1,679,060  
CITY TOTAL 11 1,679,060

OAK RIDGE  
ATOM SCIENCES, INC.  
1R43 CA54627-01 ARLINGHAUS, HEINRICH F  
INSTITUTION TOTAL 1 49,927

MARTIN MARIETTA CORPORATION--OAK RIDGE NATIONAL LABORATORY  
1R01 CA53791-01 MITRA, SANKAR  
INSTITUTION TOTAL 1 266,880  
CITY TOTAL 2 316,807  
STATE TOTAL 20 2,769,568

TEXAS  
ARLINGTON  
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT ARLINGTON  
1R15 HL46428-01 SMITS, ALLAN W  
INSTITUTION TOTAL 1 92,775  
CITY TOTAL 1 92,775

AUSTIN  
INLAND LABORATORIES  
1R43 AI30839-01 FULTON, ROBERT J  
INSTITUTION TOTAL 1 50,000

NTH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
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TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
1R01 CA53619-01	HARRIMAN, ANTHONY M	PHOTOISOMERIZATION OF CYANINE DYES	59,317
1R01 HD26574-01A1	HOLDEN, GEORGE W	SOCIAL COGNITION & MOTHERS' RESPONSES TO MISBEHAVIOR	78,265
1R01 AG09594-01	SMITH, PHILIP C	PROTEIN GLYCATION BY ACYL GLUCURONIDES IN THE ELDERLY	180,719

INSTITUTION TOTAL	3	318,301	
CITY TOTAL	4	368,301	

COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION			
1R29 GM42569-01A2	GIEDROC, DAVID P	ZINC DOMAIN STRUCTURE AND FUNCTION IN T4	107,046
1R01 NS29133-01A1	WELSH, C JANE	ENDOTHELIAL CELLS IN VIRUS-INDUCED DEMYELINATING DISEASE	100,187

INSTITUTION TOTAL	2	207,233	
CITY TOTAL	2	207,233	

DALLAS			
RETINA FOUNDATION OF THE SOUTHWEST			
1R29 EY07716-01A3	SWANSON, WILLIAM H	APPLICATION OF PSYCHOPHYSICAL MODELS TO VISUAL DISORDERS	95,866

INSTITUTION TOTAL	1	95,866	
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UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS			
1R01 DK41612-01A2	BAUM, MICHEL G	NEONATAL PROXIMAL TUBULAR ACIDIFICATION	117,776
1R13 HL46543-01	GRUNDY, SCOTT M	INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS	12,316
1R01 GM45820-01	MC KEARIN, DENNIS M	GERM CELL DIFFERENTIATION IN DROSOPHILA	147,166
1R01 CA54168-01	THORPE, PHILIP E	IMMUNOTOXINS FOR THE TREATMENT OF HODGKIN'S DISEASE	158,194
1R01 AR40849-01	WILLIAMS, ROBERT S	MOLECULAR GENETICS OF MUSCLE SPECIALIZATION	226,950

INSTITUTION TOTAL	5	662,402	
CITY TOTAL	6	758,268	

GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH			
1R01 NS29227-01	ALVAREZ-LEEFMANS, FRANCISCO	CELL VOLUME REGULATION AND MAINTENANCE IN NEURONS	185,362
1R01 HL41119-01A1	ANDRESEN, MICHAEL C	TRANSMISSION ACROSS FIRST SYNAPSE OF THE BAROREFLEX	206,804
1R29 EY08547-01A1	ANSARI, NASEEM H	OXIDATIVE DAMAGE IN SUGAR-INDUCED CATARACTOGENESIS	103,600
1R13 AG09454-01	KUNA, SAMUEL T	SYMPOSIUM ON SLEEP AND RESPIRATION IN AGING ADULTS	29,680
1R01 NS29261-01	KUROSKY, ALEXANDER	PROHORMONE PROCESSING MODEL IN APLYSIA	151,935
1P01 DK42788-01	THOMPSON, E BRAD	MECHANISMS OF GROWTH CONTROL BY STEROIDS	412,281

INSTITUTION TOTAL	6	1,089,662	
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NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

CITY TOTAL 6 1,089,662

TEXAS

HOUSTON

BAYLOR COLLEGE OF MEDICINE	BERGET, SUSAN M	PROCESSING OF HUMAN APOLIPOPROTEIN-B MRNA	169,287
1R01 HL4964-01A1	CASKEY, CHARLES T	BCM HUMAN GENOME PROGRAM CENTER	1,833,621
1P30 HG00210-01	CONNEELY, ORLA M	NOVEL HOST SYSTEM TO STUDY STEROID HORMONE ACTION	144,755
1R01 RR06499-01	HUDSON, M'LISS A	URONINASE--EFFECT ON EFFICACY OF BCG THERAPY	99,099
1R29 CA54277-01	JERGER, JAMES F	AUDITORY REHABILITATION OF THE ELDERLY	214,109
1R01 AG08958-01A1	KURODA, MITZI I	MOLECULAR GENETICS OF DOSAGE COMPENSATION IN DROSOPHILA	163,218
1R01 GM45744-01	RODARTE, JOSEPH R	RESPIRATORY SYSTEM MECHANICS	263,621
1R01 HL46230-01	RUTECKI, PAUL A	SYNAPTIC MECHANISMS OF EPILEPTIFORM SYNCHRONIZATION	88,867
1R29 NS28580-01A1	SCHINI, VALERIE B	ARGININE-NITRIC OXIDE PATHWAY & VASCULAR RESPONSIVENESS	102,426
1R29 HL46356-01	SIFERS, RICHARD N	PRE-GOLGI DEGRADATION OF MUTANT SECRETORY PROTEINS	102,585
1R29 DK42806-01A1	SLAGLE, BETTY L	HEPATITIS B VIRUS AND HEPATOCELLULAR CARCINOMA	185,734
1R01 CA54557-01			

INSTITUTION TOTAL 11 3,367,322

GENETIC DESIGNS, INC.

1R29 AI31249-01	ANDERS, DAVID G	STRUCTURE & FUNCTION OF A CMV ORIGIN OF DNA REPLICATION	99,798
1R43 HG00410-01	FROST, JAMES D, III	DEVELOPMENT OF AN AUTOMATED SEGMENTED DNA SYNTHESIZER	50,000

INSTITUTION TOTAL 2 149,798

UNIVERSITY OF TEXAS

1R01 HD27597-01	HEALTH SCIENCE CENTER AT HOUSTON	NEUROPSYCHOLOGICAL SEQUELAE OF PEDIATRIC HEAD INJURY	90,891
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INSTITUTION TOTAL 1 90,891

UNIVERSITY OF TEXAS

1R13 CA52872-01	SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER	1990 ANNUAL SYMPOSIUM ON FUNDAMENTAL CANCER RESEARCH	5,000
1R29 HL45045-01A1	BECKER, FREDERICK F	DOSIMETRY OF LASER-TISSUE INTERACTIONS	93,956
1R13 CA54776-01	JACQUES, STEVEN L	CONFERENCE: PREVENTION OF AERODIGESTIVE TRACT CANCER	5,000
1R01 CA54295-01	NEWELL, GUY R	ANALYSIS OF RADIATION INJURIES IN 440 OVERDOSED PATIENTS	65,646

INSTITUTION TOTAL 4 169,602

VESTEC CORPORATION

1R43 GM46169-01	VESTAL, MARVIN L	AUTOMATED PROTEIN SEQUENCING BY MICRO-LC/ELECTROSPRAY MS	50,000
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INSTITUTION TOTAL 1 50,000  
CITY TOTAL 19 3,827,613

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR				
TEXAS					
LUBBOCK					
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER					
1R01 EY08384-01A2	YOUNG, ROCKEFELLER S				112,761
INSTITUTION TOTAL		1	112,761		
CITY TOTAL		1	112,761		
PLANO					
MICROFAB TECHNOLOGIES, INC.					
1R43 GM44461-01A1	WALLACE, DAVID B				50,000
INSTITUTION TOTAL		1	50,000		
CITY TOTAL		1	50,000		
SAN ANTONIO					
SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH					
1R29 AI31072-01	SUREAU, CAMILLE.				112,966
INSTITUTION TOTAL		1	112,966		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO					
1R01 EY08520-01A1	APPLEGATE, RAYMOND A	ABERRATIONS OF EYES IN NORMAL AND CLINICAL POPULATIONS			180,566
1R29 GM45916-01	HANSEN, JEFFREY C	CHROMATIN STRUCTURE AND STABILITY IN THE SOLUTION STATE			99,100
1R03 DE09864-01	KURAMITSU, HOWARD K	GENETIC ANALYSIS OF S. MUTANS ACIDURICITY			21,750
1R03 DE09933-01	LEACH, ROBIN J	GENETIC BASIS OF OCULOauriculovertebral dysPLASIA			21,750
1R10 HL45719-01	MC MAHAN, C ALEX	RISK FACTORS IN EARLY HUMAN ATHEROGENESIS			79,434
1R01 GM43763-01A1	MORGAN, WILLIAM W	CELL SPECIFIC TYROSINE HYDROXYLASE GENE TRANSCRIPTION			117,441
1R01 AG09220-01	NELSON, JAMES F	AGING & THE REGULATION OF ESTROGEN ACTION IN THE BRAIN			156,426
1R03 DE09463-01A1	NUMMIKOSKI, PIRKKA V	SUBTRACTION RADIOGRAPHY IN DETECTION OF RECURRENT CARIES			20,361
1R03 DE09730-01	RAWLS, HENRY R	ORAL CONTROLLED-RELEASE DELIVERY SYSTEMS			21,183
INSTITUTION TOTAL		9	718,011		
CITY TOTAL		10	830,977		

THE WOODLANDS					
HOUSTON BIOTECHNOLOGY, INC.					
1R43 EY09022-01	CROSSON, CRAIG E	GLAUCOMA FILTERING SURGERY: IMPROVED BY DRUG CONJUGATES		50,000	
INSTITUTION TOTAL		1	50,000		
CITY TOTAL		1	50,000		
STATE TOTAL		51	7,387,590		



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
UTAH LOGAN UTAH 1R01 HD28259-01	STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY SHARMA, RAGHUBIR P	ANTICANCER RETINOIDS AND BIRTH DEFECTS		127,686
INSTITUTION TOTAL CITY TOTAL	1 1	127,686 127,686		
SALT LAKE CITY MEDICAL PHYSICS, INC. 1R43 HL44279-01A1	CLARK, JUSTIN S	1 CARDIAC OUTPUT--BLOOD GAS ANESTHESIA MONITOR		50,000
INSTITUTION TOTAL	1	50,000		
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1R01 HL44951-01A1 1R13 HG00503-01 1P30 HG00199-01 1S03 RR03558-01 1R01 NS29697-01 1R29 HL46401-01 1R29 LM05260-01 1R01 HD27455-01 1R01 CA48998-01A2 1R01 AI31637-01 1S03 RR03559-01 1R29 HL43689-01A2	CHRISTENSEN, ROBERT D FAIN, PAMELA R GESTELAND, RAYMOND F GIBB, JAMES W JAECKLE, KURT A KEATING, MARK T LINCOLN, MICHAEL J MILLEY, JOHN R SLATTERY, MARTHA L VIRSHUP, DAVID M WESTENSKOW, DWAYNE WHATLEY, RALPH E	DEVELOPMENTAL MECHANISMS OF FETAL/NEONATAL CYTOPENIAS CHROMOSOME 17 MAPPING WORKSHOP UTAH CENTER FOR HUMAN GENOME RESEARCH MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM PARANEOPLASTIC AUTOIMMUNE NEUROTOXICITY LONG QT SYNDROME - A GENETIC APPROACH KNOWLEDGE ENGINEERING TOOLS TO IMPROVE KNOWLEDGE BASES OXIDATION-REDUCTION EFFECTS ON FETAL PROTEIN METABOLISM DIET, ACTIVITY & REPRODUCTION AS RISKS FOR COLON CANCER REGULATION OF INITIATION OF SV40 DNA REPLICATION MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM GROWTH-DEPENDANT REGULATION OF LIPID AUTACOID PRODUCTION		247,347 26,607 2,076,272 10,000 105,901 119,025 110,717 145,054 981,485 148,099 10,000 64,837
INSTITUTION TOTAL	12	4,045,344		
WESTRAY INSTRUMENTS 1R43 NS29311-01	WESTENSKOW, DWAYNE R	NEUROMUSCULAR BLOCKADE USING PIEZOELECTRIC MOTION SENSOR		50,000
INSTITUTION TOTAL CITY TOTAL	1 14	50,000 4,145,344		
STATE TOTAL	15	4,273,030		
VERMONT BURLINGTON CHROMOGEN, INC. 1R43 AI30838-01	BORAKER, DAVID K	ENHANCED ELECTRO-ACOUSTIC FUSION FOR CELL HYBRIDIZATION		50,000
INSTITUTION TOTAL	1	50,000		

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED			
GRANT NUMBER	PRINCIPAL INVESTIGATOR						
VERMONT							
BURLINGTON							
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE							
1R01 AR40138-01A2	COOPER, SHELDON M	CLONALITY AND TCR GENES OF RA AND LYME SYNOVIAL T CELLS REGULATION OF DNA SYNTHESIS IN MAMMALIAN CELLS ANALYSIS OF IN VIVO HPRT MUTANT T CELLS IN MS		221,346	221,346 216,665 135,071		
1R01 GM45891-01	HEINTZ, NICHOLAS H			216,665			
1R01 NS27513-01A2	SRIRAM, SUBRAMANIAM			135,071			
INSTITUTION TOTAL	3		573,082				
CITY TOTAL	4		623,082				
STATE TOTAL	4		623,082				
VIRGINIA							
CHARLOTTESVILLE							
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE							
1R01 NS27644-01A2	BAERTSCHI, ALEX J	NEURAL SIGNALLING OF SALT INTAKE BIOLOGICAL EFFECTS OF PERTUSSIS TOXIN B-OLIGOMER CELL CYCLE PROGRESSION IN B LYMPHOBLASTS INHIBITORY & INDUCTIVE SIGNALS OF OLFACTORY NEUROGENESIS DNA TOPOISOMERASE II AS A THERAPEUTIC TARGET TRICHOPHYTON & ASPERGILLUS: IMMUNOLOGY AND LUNG DISEASE INTRAOPERATIVE ASSESSMENT OF MYOCARDIAL PERFUSION		120,863	120,863 255,690 165,214 38,500 132,993 205,197 128,892		
1R01 AI31119-01	HEWLETT, ERIK L			255,690			
1R01 AI29976-01A1	ISAKSON, PETER C			165,214			
1R03 DC01196-01	KLEIN, STEVEN L			38,500			
1R01 CA54347-01	MACDONALD, TIMOTHY L			132,993			
1R01 AI30840-01	PLATTIS-MILLS, THOMAS A		1	205,197			
1R29 HL43787-01A2	SPOTNIITZ, WILLIAM D			128,892			
INSTITUTION TOTAL	7			1,047,349			
CITY TOTAL	7			1,047,349			
NORFOLK							
EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS							
1R29 AG09462-01	LEVIN, JEFFREY S	RELIGION, HEALTH & PSYCHOLOGICAL WELL-BEING IN THE AGED		105,934	105,934		
INSTITUTION TOTAL	1		105,934				
CITY TOTAL	1		105,934				
RESTON							
AMERICAN COLLEGE OF RADIOLOGY							
1R13 CA54258-01	WASSERMAN, TODD H	MEETING--CHEMICAL MODIFIERS OF CANCER THERAPY		6,000	6,000		
INSTITUTION TOTAL	1		6,000				
HEALTH INNOVATIONS, INC.							
1R43 CA52419-01A1	FREDERIKSEN, LEE W	COMPUTER-ASSISTED SMOKELESS TOBACCO CESSATION		44,740	44,740		
INSTITUTION TOTAL	1		44,740				
CITY TOTAL	2		50,740				

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

VIRGINIA  
RICHMOND  
VIRGINIA COMMONWEALTH UNIVERSITY  
1510 RR06699-01 GROGAN, W MC LEAN  
1R01 DE09523-01A1 KAUGARS, GEORGE E  
1R01 NS29469-01 POVILSHOCK, JOHN T  
1R01 HL45617-01 ROSENBLUM, WILLIAM I  
1R01 GM41889-01A2 ROSENKRANTZ, MARK S  
1R01 NS29267-01 YOUNG, HAROLD F

INSTITUTION TOTAL 6 1,342,221  
CITY TOTAL 6 1,342,221

VIENNA  
APPLIED SYSTEM TECHNOLOGIES, INC.  
1R43 CA52374-01A1 FIQUERAS, JOHN

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

WILLIAMSBURG  
COLLEGE OF WILLIAM AND MARY  
1R01 ES05534-01 FAISAL, MOHAMED

INSTITUTION TOTAL 1 118,341  
CITY TOTAL 1 118,341  
STATE TOTAL 18 2,714,585

WASHINGTON  
BOTHELL  
MICROPROBE CORPORATION  
1R43 AI31315-01 GAMPER, HOWARD B  
1R43 GM46143-01 REED, MICHAEL W

INSTITUTION TOTAL 2 100,000  
CITY TOTAL 2 100,000

PULLMAN  
WASHINGTON STATE UNIVERSITY  
1R01 HL46651-01 CRAWFORD, TIMOTHY B

MECHANISMS OF EQUINE LENTIVIRUS-INDUCED THROMBOCYTOPENIA 109,830

COMPUTER STORAGE AND MANIPULATION OF CHEMICAL STRUCTURES 50,000

IN VITRO EFFECTS OF B(A)P ON FISH CYTOTOXIC LEUKOCYTES 118,341

HIV REPORTER CELL LINE FOR SCREENING ANTI-SENSE AGENTS  
NOVEL, SPECIFIC NUCLEIC ACID CLEAVAGE AGENTS 50,000  
50,000

NIH RESEARCH GRANTS			DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
WASHINGTON			
PULLMAN			
WASHINGTON STATE UNIVERSITY			
1R01 AG09568-01	JINKS, MARTIN J	REDUCTION IN ADRS VIA COMPUTERIZED PHARMACY INTERVENTION 1ST INTERNATIONAL SYMPOSIUM ON HORMONAL CARCINOGENESIS 500 MHZ NMR SPECTROMETER PURCHASE PHARMACOLOGY OF AN ANIMAL MODEL OF TARDIVE DYSKINESIA	203,830
1R13 CA55109-01	LI, JONATHAN J		9,000
1S10 RR06314-01	SATTERLEE, JAMES D		400,000
1R29 DE09678-01	SEE, RONALD E		98,401
INSTITUTION TOTAL	5	821,061	
CITY TOTAL	5	821,061	
SEATTLE			
CHILDREN'S HOSPITAL AND MEDICAL CENTER			
1R01 AI30731-01A1	COREY, LAWRENCE	EPIDEMIOLOGY/PATHOGENESIS OF ASYMPTOMATIC GENITAL HERPES	492,265
INSTITUTION TOTAL	1	492,265	
FRED HUTCHINSON CANCER RESEARCH CENTER			
1R01 HD28779-01	ALDERMAN, BETH W	EPIDEMIOLOGY OF CLUBFOOT RETROVIRAL INFECTION IN LGL LEUKEMIA	255,149
1R01 CA54552-01	LOUGHRAN, THOMAS P, JR		128,248
INSTITUTION TOTAL	2	383,397	
UNIVERSITY OF WASHINGTON			
1R01 HL46598-01	ABKOWITZ, JANIS L	KINETICS AND BEHAVIOR OF HEMATOPOIETIC STEM CELLS CHEMICAL TOXICOLOGY OF ISOCYANATES AND FORMAMIDES SPINE PATHOLOGY AND LBP DETERMINANTS IN IDENTICAL TWINS VAGINAL SPERMICIDES AND URINARY TRACT INFECTIONS COMPUTERIZED PHYSIOLOGICAL DATA SYSTEM MOLECULAR REGULATION OF NEUTROPHIL ADHERENCE RECEPTOR STRUCTURE AND MECHANISM OF DNA INTERSTRAND CROSSLINKING ION CHANNELS IN SALIVARY GLAND DUCT CELLS TUMOR CELL-DERIVED OSTEOCLAST GROWTH FACTOR TOF PET IMAGE RECONSTRUCTION COMPUTER SYSTEM IMMUNOMODULATION OF MACROPHAGES FOLLOWING TRAUMA CRITICAL CARE NURSING SYSTEMS, RETENTION & PT OUTCOMES INT-1-RELATED GENES IN XENOPUS EMBRYOS HUMAN PAPILLOMA VIRUS AND ORAL CANCER IDENTIFICATION & CONTROL OF G. LAMBLIA IN DRINKING WATER NK CELLS AND PREGNANCY MECHANISMS OF VIRAL INDUCED AIDS-ASSOCIATED NEOPLASIA TRANSPLACENTAL PHARMACOKINETICS OF ANTI-HIV DRUGS AGE-RELATED CARDIAC RESPONSE TO THEOPHYLLINE IN MAN MEMBRANE DYNAMICS AND STEROL BIOSYNTHESIS IN YEAST	244,785
1R01 ES05500-01	BAILLIE, THOMAS A		158,957
1R01 AR40857-01	BATTIE, MICHELLE C		241,579
1R01 DK41341-01A2	FINN, STEPHAN D		140,537
1S10 RR06741-01	HEGYVARY, SUE T		359,000
1R29 DK43530-01	HICKSTEIN, DENNIS D		61,378
1R01 GM45804-01	HOPKINS, PAUL B		73,529
1R01 DE09812-01	IZUTSU, KENNETH T		168,414
1R01 AR40820-01	LEE, MINAKO Y		185,188
1S10 RR06478-01	LEMELLEN, THOMAS K		197,000
1R01 GM45873-01	MAIER, RONALD V		123,594
1R01 NR02343-01A1	MITCHELL, PAMELA H		310,281
1R01 HD27525-01	MOON, RANDALL T		153,560
1R03 DE09890-01	ODA, DOLPHINE		22,950
1R01 AI28110-01A2	ONGERTH, JERRY E		103,846
1R01 HD28031-01	POLLACK, SYLVIA B		127,222
1R01 CA54757-01	TSAI, CHE-CHUNG		133,096
1R01 HD27438-01	UNADKAT, JASHVANT D		290,970
1R01 AG09559-01	VESTAL, ROBERT E		89,441
1R01 GM45726-01	WRIGHT, ROBIN L		141,806



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

CITY TOTAL 23 4,202,795  
STATE TOTAL 30 5,123,856

WEST VIRGINIA  
MORGANTOWN  
WEST VIRGINIA UNIVERSITY  
1R29 DC01387-01 SPIROU, GEORGE A  
INSTITUTION TOTAL 1 123,096  
CITY TOTAL 1 123,096  
STATE TOTAL 1 123,096

123,096

WISCONSIN  
MADISON  
DNASTAR, INC.  
1R43 HG00296-01 MILLER, GERALD  
INSTITUTION TOTAL 1 50,000  
STATE TOTAL 1 50,000

50,000

UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON  
1R13 RR06755-01 ANDERSON, PHILIP  
1R01 DE09659-01 BALISH, EDWARD  
1R01 DK41755-01A1 BRUSKEWITZ, REGINALD C  
1R29 DC00921-01 DEPAUL, ROXANNE  
1R01 CA52475-01 GOULD, MICHAEL N  
1R01 RR06610-01 HOFFMANN, F MICHAEL  
1R01 GM45844-01 KILEY, PATRICIA J  
1R01 EY08540-01A1 PETERS, DONNA P  
1R01 HL44900-01A1 RAPACZ, JAN  
1R01 HG00379-01 SZYBALSKI, WACLAW  
1R01 NS28901-01A1 TRUSSELL, LAURENCE O  
INSTITUTION TOTAL 11 1,825,251  
CITY TOTAL 12 1,875,251

25,000  
192,730  
151,503  
92,062  
222,732  
258,183  
128,650  
101,820  
272,168  
235,206  
145,197

MILWAUKEE  
AURORA HEALTH CARE, INC.--SINAI SAMARITAN MEDICAL CENTER  
1S07 RR06041-01 MOSESSON, MICHAEL W  
INSTITUTION TOTAL 1 9,266

9,266

NIH RESEARCH GRANTS			DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
WISCONSIN			
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
1R03 EY09243-01	HYDE, JAMES S	MRI OF THE EYE AT HIGH SPACIAL RESOLUTION	31,218
1R01 HL44928-01A1	KRUG, EDWARD L	MOLECULAR ANALYSIS OF INDUCTION IN CARDIAC MORPHOGENESIS	191,630
1R01 CA54676-01	NATTINGER, ANN B	USE OF BREAST-CONSERVING SURGERY IN THE ELDERLY	72,225
INSTITUTION TOTAL	3	295,073	
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE			
1R29 GM44671-01A1	FORST, STEVEN A	MOLECULAR STUDY OF ADAPTIVE RESPONSES IN E COLI	96,733
1S07 RR06038-01	PAIRENT, FREDERICK W	BIOMEDICAL RESEARCH SUPPORT GRANT	5,000
INSTITUTION TOTAL	2	101,733	
CITY TOTAL	6	406,072	
STATE TOTAL	18	2,281,323	
BRAZIL			
SALVADOR			
FEDERAL UNIVERSITY OF BAHIA			
1P50 AI30639-01	CARVALHO, EDGAR M	PATHOGENESIS AND THERAPY OF TROPICAL DISEASES	327,389
INSTITUTION TOTAL	1	327,389	
CITY TOTAL	1	327,389	
STATE TOTAL	1	327,389	
CANADA			
MONTREAL			
MC GILL UNIVERSITY			
1R01 AG09488-01	MEANEY, MICHAEL J	GLUCOCORTICOIDS, STRESS, AND HIPPOCAMPAL AGING	82,999
1R13 HD27948-01	ROBAIRE, BERNARD	1991 TETIS WORKSHOP	9,600
INSTITUTION TOTAL	2	92,599	
CITY TOTAL	2	92,599	
WINNIPEG			
UNIVERSITY OF MANITOBA			
1R01 CA51540-01A1	TURLEY, EVA ANN	ROLE OF HYALURONAN IN TUMOR CELL LOCOMOTION	106,660
INSTITUTION TOTAL	1	106,660	
CITY TOTAL	1	106,660	

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
STATE TOTAL	3	199,259	
COLOMBIA			
CALI			
UNIVERSITY OF VALLE			
1P50 A130603-01	SARAVIA, NANCY G	INTERDISCIPLINARY STUDIES OF LEISHMANIA	383,654
INSTITUTION TOTAL	1	383,654	
CITY TOTAL	1	383,654	
STATE TOTAL	1	383,654	
ISRAEL			
JERUSALEM			
HEBREW UNIVERSITY OF	JERUSALEM	DNA REPLICATION IN ANIMAL CELLS	79,266
1R01 GN46669-01A1	CEDAR, HOWARD		
INSTITUTION TOTAL	1	79,266	
CITY TOTAL	1	79,266	
STATE TOTAL	1	79,266	
PHILIPPINES			
MANILA			
RESEARCH INSTITUTE FOR TROPICAL MEDICINE		TROPICAL MEDICINE RESEARCH CENTER	470,235
1P50 A130601-01	SANIEL, MEDIADORA C		
INSTITUTION TOTAL	1	470,235	
CITY TOTAL	1	470,235	
STATE TOTAL	1	470,235	
YUGOSLAVIA			
BELGRADE			
UNIVERSITY OF BELGRADE		WORD RECOGNITION IN ENGLISH & SERBO-CROATIAN	50,000
1R01 HD27709-01	LUKATELA, GEORGIJE L		
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	1	50,000	
TOTAL	993	155,380,438	

NTH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
<b>ALABAMA</b>			
BIRMINGHAM			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1N01 HD13116-00	GOLDENBERG, ROBERT L	MENTAL, PHYSICAL & BEHAVIORAL DEVELOPMENT IN 4 YEAR OLDS	251,539
INSTITUTION TOTAL	1		251,539
CITY TOTAL	1		251,539
STATE TOTAL	1		251,539
<b>CALIFORNIA</b>			
BERKELEY			
CALSEC CONSULTANTS, INC.			
1N01 C015699-00	RAUDENBUSH, BRIAN	DO THE RIGHT THING (SPANISH VERSION: ITEMS 1-28)	10,798
INSTITUTION TOTAL	1		10,798
CITY TOTAL	1		10,798
<b>LOS ALTOS</b>			
MEDICAL DATA EXCHANGE			
1N01 LM13512-00	HELVEY, WILLIAM	UPDATE FOR GRATEFUL MED USERS, GRATEFULLY YOURS	1
INSTITUTION TOTAL	1		1
CITY TOTAL	1		1
<b>LOS ANGELES</b>			
LOS ANGELES REGIONAL FAMILY PLANNING COUNCIL			
1N01 HD13112-00	BERNSTEIN, GERALD S	ANTIBIOTIC PROPHYLAXIS AT IUD INSERTION	505,689
INSTITUTION TOTAL	1		505,689
CITY TOTAL	1		505,689
<b>OAKLAND</b>			
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE			
1N01 HD13108-00	PETITTI, DIANA	LOW-DOSE ORAL CONTRACEPTIVES AND CARDIOVASCULAR DISEASE	391,668
INSTITUTION TOTAL	1		391,668
CITY TOTAL	1		391,668
STATE TOTAL	4		908,156



CONTRACT NUMBER		PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
DIST OF COL WASHINGTON				
NATIONAL ACADEMY OF SCIENCES				
1N01 CP15690-00	ROBINETTE, C DENNIS	STUDIES OF CANCER IN VETERAN TWIN REGISTRY		99,110
INSTITUTION TOTAL 1 99,110				
U.S. SMALL BUSINESS ADMINISTRATION WASHINGTON DISTRICT OFFICE				
1N01 HB17088-00	KASULE, OMAR M.	ASSESS. OF CURRENT STATUS OF SCREENING & TREATMENT SCD		249,825
1N01 LM13515-00	LINDSEY, THOMAS K	SHELVING OF GENERAL AND REFERENCE COLLECTIONS		160,773
INSTITUTION TOTAL 2 410,598				
CITY TOTAL 3 509,708				
STATE TOTAL 3 509,708				
GEORGIA				
ATHENS				
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA				
1N01 AI15107-00	MCCALL, JOHN	FILARIASIS RESPOSITORY - RESEARCH SERVICE		189,737
INSTITUTION TOTAL 1 189,737				
CITY TOTAL 1 189,737				
STATE TOTAL 1 189,737				
ILLINOIS				
CHICAGO				
BRO'S LITHOGRAPHING COMPANY				
1N01 C015693-00	KATZ, BILL	1 NATIONAL CANCER INSTITUTE BROCHURE		8,612
1N01 C015684-00	MAXIN, LENORA	SKIN CANCERS		21,501
INSTITUTION TOTAL 2 30,113				
CITY TOTAL 2 30,113				
STATE TOTAL 2 30,113				
KENTUCKY				
LEXINGTON				
ENVIRONMENTAL HEALTH RESEARCH AND TESTING				
1N01 ES15312-00	EREXSON, GREGORY	1 IN VIVO MICRONUCLEUS TESTS		126,655
INSTITUTION TOTAL 1 126,655				
CITY TOTAL 1 126,655				

CONTRACT NUMBER		PROJECT DIRECTOR	NIH RESEARCH CONTRACTS	SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL		1	126,655		
LOUISIANA					
NEW ORLEANS					
TULANE UNIVERSITY OF LOUISIANA					
1N01 AI15093-00	MURPHEY-CORB, MICHAEL	1		EVALUATION OF VACCINES FOR SAIDS	616,859
INSTITUTION TOTAL		1	616,859		
CITY TOTAL		1	616,859		
STATE TOTAL		1	616,859		
MARYLAND					
BALTIMORE					
ART LITHO COMPANY					
1N01 C015698-00	HEYMAN, BARRY			DO THE RIGHT THING (ENGLISH VERSION: ITEMS A THRU P)	10,781
INSTITUTION TOTAL		1	10,781		
CITY TOTAL		1	10,781		
BETHESDA					
FEDERATION OF AMERICAN SOCIETY FOR EXPERIMENTAL BIOLOGY					
1N01 HD13105-00	FISCHER, KENNETH	1		CONFERENCE--MEDICAL FOODS FOR ORPHAN DISEASES	22,000
INSTITUTION TOTAL		1	22,000		
SOCIAL AND SCIENTIFIC SYSTEMS					
1N01 AI15104-00	JOHNSON, KARL M			OPERATIONS OFFICE	4,193,110
INSTITUTION TOTAL		1	4,193,110		
CITY TOTAL		2	4,215,110		
CHEVERLY					
PEAKE PRINTERS, INC.					
1N01 C015695-00	WEEKS, RICK			DO THE RIGHT THING	16,922
INSTITUTION TOTAL		1	16,922		
CITY TOTAL		1	16,922		
FORESTVILLE					
ARTISAN PRINTING, INC.					
1N01 C015687-00	POUDRIER, DON			POSTDOCTORAL RESEARCH FELLOWSHIP OPPORTUNITIES	17,896

CONTRACT NUMBER		PROJECT DIRECTOR	NIH RESEARCH CONTRACTS	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL 1					
CITY TOTAL 1					17,896
MARYLAND					
GAITHERSBURG					
BALMAR PRINTING AND GRAPHICS, INC.					
1N01 C015640-00		KOHLER, BEN		RADIATION THERAPY AND YOU: A GUIDE TO SELF HELP	271,666
1N01 C015666-00		KOHLER, BEN		LEADERSHIP SUMMIT II	21,022
1N01 C015694-00		KOHLER, BEN		ANNOUNCEMENT ALERT	8,334
INSTITUTION TOTAL 3					301,022
CITY TOTAL 3					301,022
POTOMAC					
EMMES CORPORATION					
1N01 HD13121-00		KNOKE, JAMES		NICHD TRIAL OF CALCIUM SUPPLEMENTATION IN PREGNANCY	420,899
INSTITUTION TOTAL 1					420,899
CITY TOTAL 1					420,899
ROCKVILLE					
BIOCON, INC.					
1N01 CP15674-00		SLY, LINDA	1	LABORATORY FACILITY	300,000
INSTITUTION TOTAL 1					300,000
ERC BIOSERVICES CORPORATION					
1N01 HB17087-00		STERN, SUSAN		MAINTENANCE OF A BLOOD SPECIMEN REPOSITORY	232,880
INSTITUTION TOTAL 1					232,880
WESTAT, INC.					
1N01 CP15672-00		ROSENTHAL, JEANNE		SUPPORT SERVICES FOR EPIDEMIOLOGIC STUDIES	1,061,047
INSTITUTION TOTAL 1					1,061,047
CITY TOTAL 3					1,593,927
SILVER SPRING					
RICARDS INTERNATIONAL, INC					
1N01 DC12104-00		RICHARD, SHEILA A		NIDCD INFORMATION CLEARINGHOUSE	345,092
INSTITUTION TOTAL 1					345,092

CONTRACT NUMBER		PROJECT DIRECTOR	NIH RESEARCH CONTRACTS	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL		1			
STATE TOTAL		13			
MICHIGAN					
DETROIT					
HENRY FORD HOSPITAL					
1N01 AR1202-00		TILLEY, BARBARA C		RHEUMATOID ARTHRITIS TREATMENT	182,245
INSTITUTION TOTAL		1			
CITY TOTAL		1			
STATE TOTAL		1			
NEW JERSEY					
CAMDEN					
CORIELL INSTITUTE FOR MEDICAL RESEARCH					
1N01 AG12101-00		MULIVOR, RICHARD A	1	GENETICALLY MARKED CELLS FOR AGING RESEARCH	535,446
INSTITUTION TOTAL		1			
QUALITY BIOTECH, INC.					
1N01 CP15665-00		ROBISON, ALICE	1	BIOLOGICAL RESEARCH RESOURCES REPOSITORY	327,591
INSTITUTION TOTAL		1			
CITY TOTAL		2			
STATE TOTAL		2			
NORTH CAROLINA					
CARY					
SAS INSTITUTE, INC.					
1N01 LM13513-00		PADGETT, DUDLEY		STATISTICAL SOFTWARE AND SUPPORT SERVICES	457,489
INSTITUTION TOTAL		1			
CITY TOTAL		1			
DURHAM					
DUKE UNIVERSITY					
1N01 AG12102-00		BLAZER, DAN		POPULATIONS FOR EPIDEMIOLOGIC STUDIES OF THE ELDERLY	736,000
1N01 AI15106-00		BOLOGNESI, DAN P		CENTRAL LAB FOR AIDS VACCINE CLINICAL TRIALS	869,619
INSTITUTION TOTAL		2			



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	2	1,605,619	
NORTH CAROLINA			
RESEARCH TRIANGLE PARK			
RAO ENTERPRISES, INC.--INTEGRATED LABORATORY SYSTEMS			
1N01 ES15311-00	TICE, RAYMOND	1	140,709
INSTITUTION TOTAL	1	140,709	
RESEARCH TRIANGLE INSTITUTE			
1N01 ES15307-00	HANDY, RW		1,407,841
INSTITUTION TOTAL	1	1,407,841	
CITY TOTAL	2	1,548,550	
STATE TOTAL	5	3,611,658	
OHIO			
COLUMBUS			
AMERICAN CHEMICAL SOCIETY--CHEMICAL ABSTRACTS SERVICE			
1N01 LM13510-00	WHITE, JOHN		1
INSTITUTION TOTAL	1	1	
BATTELLE MEMORIAL INSTITUTE			
1N01 ES15308-00	KURTZ, PERRY		416,694
INSTITUTION TOTAL	1	416,694	
CITY TOTAL	2	416,695	
STRONGSVILLE			
KENNEDY GRAPHICS			
1N01 C015637-00	TOTH, FRANK		31,280
1N01 C015639-00	TOTH, FRANK		76,930
1N01 C015650-00	TOTH, FRANK		108,046
1N01 C015670-00	TOTH, FRANK		13,794
1N01 C015700-00	TOTH, FRANK		7,424
INSTITUTION TOTAL	5	237,474	
CITY TOTAL	5	237,474	
STATE TOTAL	7	654,169	

CONTRACT NUMBER		PROJECT DIRECTOR	SCOPE OF WORK	NIH RESEARCH CONTRACTS	DOLLARS AWARDED
PENNSYLVANIA					
PITTSBURGH					
BROUDY PRINTING, INC.					
1N01 C015662-00	FOX, RAYMOND		EATING HINTS		487,940
1N01 C015649-00	FOX, RAYMOND		CHEMOTHERAPY AND YOU: A GUIDE TO SELF HELP	1	380,150
INSTITUTION TOTAL		2			
CITY TOTAL		2			
STATE TOTAL		2			
TEXAS					
HOUSTON					
BAYLOR COLLEGE OF MEDICINE					
1N01 A115103-00	COUCH, ROBERT		ESTABLISH AN ACUTE VIRAL RESPIRATORY DISEASE UNIT		1,500,000
1N01 LM13516-00	GORRY, ANTHONY G	1	GRATEFUL MED NETWORK SERVER		139,436
INSTITUTION TOTAL		2			
CITY TOTAL		2			
STATE TOTAL		2			
VIRGINIA					
ALEXANDRIA					
HUMRRO INTERNATIONAL, INC.					
1N01 C015669-00	VINGI, ROBERT E		CHEW OR SNUFF IS REAL BAD STUFF		41,804
INSTITUTION TOTAL		1			
CITY TOTAL		1			
LYNCHBURG					
PROGRESS PRINTING CO					
1N01 C015638-00	VINGI, ROBERT		HELP YOURSELF: TIPS FOR TEENAGERS WITH CANCER		41,968
INSTITUTION TOTAL		1			
CITY TOTAL		1			
RICHMOND					
WHITTET AND SHEPPERSON, INC.					
1N01 C015692-00	VINGI, ROBERT		JOURNAL OF THE NATIONAL CANCER INSTITUTE		13,198
INSTITUTION TOTAL		1			
CITY TOTAL		1			

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER PROJECT DIRECTOR

SCOPE OF WORK

VIRGINIA  
SPRINGFIELD  
G. WELLS AND ASSOCIATES, INC.  
1N01 LM13518-00 WELLS, INA G  
INSTITUTION TOTAL 1 33,714  
CITY TOTAL 1 33,714

PROCESSING LIMITED CATALOGING RECORDS

33,714

VIENNA  
AMERIPRINT, INC.  
1N01 C015697-00 MOREY, DAVID  
1N01 C015668-00 SILLIMAN, DAVID  
1N01 C015671-00 SILLIMAN, DAVID

DO THE RIGHT THING (ENGLISH VERSION: ITEMS 1 THRU 20)  
LEADERSHIP SUMMIT  
CONDUCT OF RESEARCH

7,331  
13,420  
2,979

INSTITUTION TOTAL 3 23,730  
CITY TOTAL 3 23,730  
STATE TOTAL 7 154,414

WASHINGTON  
SEATTLE  
UNIVERSITY OF WASHINGTON  
1N01 A115094-00 MORTON, WILLIAM R  
1N01 HD13107-00 SISCOVICK, DAVID S

EVALUATION OF VACCINES FOR SAIDS  
LOW-DOSE ORAL CONTRACEPTIVES AND CARDIOVASCULAR DISEASE

463,960  
403,063

INSTITUTION TOTAL 2 867,023  
CITY TOTAL 2 867,023  
STATE TOTAL 2 867,023

WISCONSIN  
MADISON  
STRAUS PRINTING COMPANY  
1N01 C015632-00 STRAUS, RICHARD

WHAT YOU NEED TO KNOW ABOUT DYSPLASTIC NEVI

28,620

INSTITUTION TOTAL 1 28,620  
CITY TOTAL 1 28,620  
STATE TOTAL 1 28,620

CHINA  
BEIJING  
BEIJING INSTITUTE FOR CANCER RESEARCH  
1N01 CP15620-00 XU, GUANG-WEI

1 PRECANCEROUS GASTRIC LESIONS

82,012

CONTRACT NUMBER		PROJECT DIRECTOR	NIH RESEARCH CONTRACTS	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL		1		82,012	
CITY TOTAL		1		82,012	
STATE TOTAL		1		82,012	
JAPAN					
TOKYO					
JAPANESE FOUNDATION FOR CANCER RESEARCH					
1N01 CM17535-00 YOSHIO, SAKURAI					
INSTITUTION TOTAL		1		157,482	157,482
CITY TOTAL		1		157,482	
STATE TOTAL		1		157,482	
INFORMATION SERVICES IN SUPPORT OF CANCER RESEARCH					
157,482					
SWEDEN					
STOCKHOLM					
CAROLINE INSTITUTE					
1N01 CP15652-00 HOLM, LARS E 1					
INSTITUTION TOTAL		1		159,995	159,995
CITY TOTAL		1		159,995	
STATE TOTAL		1		159,995	
THYROID NODULARITY FOLLOWING EXPOSURE-DIAGNOSTIC I-131					
159,995					
TOTAL		58		18,822,597	



NIH RESEARCH TRAINING GRANTS			DOLLARS AWARDED
GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
1T32 GM08400-01	DANTZLER, WILLIAM H	GRADUATE TRAINING IN SYSTEMS AND INTERGRATIVE PHYSIOLOGY	33,396
INSTITUTION TOTAL	1		33,396
CITY TOTAL	1		33,396
STATE TOTAL	1		33,396
CALIFORNIA			
SAN DIEGO			
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1T32 NS07342-01A1	ALKSNE, JOHN F	NEUROSURGERY RESEARCH TRAINING GRANT	35,900
INSTITUTION TOTAL	1		35,900
CITY TOTAL	1		35,900
STATE TOTAL	1		35,900
CONNECTICUT			
NEW CANAAN			
SOCIETAL INSTITUTE OF THE MATHEMATICAL SCIENCES			
1T15 HG0019-01	THOMSEN, DONALD L, JR	SIMS TUTORIAL--MATHEMATICAL SCIENCES IN GENOMIC ANALYSIS	84,969
INSTITUTION TOTAL	1		84,969
CITY TOTAL	1		84,969
STATE TOTAL	1		84,969
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1T32 AG00214-01	HEISTAD, DONALD D	INTERDISCIPLINARY RESEARCH TRAINING PROGRAM ON AGING	136,290
INSTITUTION TOTAL	1		136,290
CITY TOTAL	1		136,290
STATE TOTAL	1		136,290
MASSACHUSETTS			
BOSTON			
TUFTS UNIVERSITY			
1T35 DE07220-01	GARCIA, RAUL I	SHORT TERM TRAINING STUDENTS IN HEALTH PROF SCHOOLS	7,416

NIH  
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	7,416 7,416	
STATE TOTAL	1	7,416	
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1T32 GM08353-01	SAVAGEAU, MICHAEL A	1 BIOTECHNOLOGY TRAINING PROGRAM	78,444
INSTITUTION TOTAL CITY TOTAL	1 1	78,444 78,444	
STATE TOTAL	1	78,444	
NEW JERSEY NEWARK UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY 1T35 DE07219-01	CATALANOTTO, FRANK A	SHORT TERM TRAINING STUDENTS IN HEALTH PROF SCHOOLS	14,832
INSTITUTION TOTAL CITY TOTAL	1 1	14,832 14,832	
STATE TOTAL	1	14,832	
NEW YORK COLD SPRING HARBOR COLD SPRING HARBOR 1T15 HG00012-01	LABORATORY GRODZICKER, TERRI I	COLD SPRING HARBOR COURSES: ANALYSIS LARGE DNA MOLECULES	87,797
INSTITUTION TOTAL CITY TOTAL	1 1	87,797 87,797	
NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1T35 ES07269-01	MARKOWITZ, STEVEN B	SHORT-TERM TRAINING STUDENTS IN ENVIRONMENTAL HEALTH SCI	13,905
INSTITUTION TOTAL	1	13,905	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK 1T15 HG00016-01	OTT, JURG	ADVANCED LINKAGE ANALYSIS COURSES	35,772
INSTITUTION TOTAL	1	35,772	

NIH  
RESEARCH TRAINING GRANTS

DOLLARS  
AWARDED

TITLE OF PROGRAM

PROGRAM DIRECTOR

GRANT NUMBER

NEW YORK NEW YORK NEW YORK UNIVERSITY 1T32 AG00206-01	THORBECKE, GEERTRUIDA J	GERIATRIC RESEARCH INSTITUTIONAL TRAINING (GRIT) AWARD	125,451
INSTITUTION TOTAL	1		125,451
CITY TOTAL	3		175,128
STATE TOTAL	4		262,925
OREGON CORVALLIS OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY 1T32 AI07379-01	MATHEWS, CHRISTOPHER K	PREDOCTORAL TRAINING IN MOLECULAR VIROLOGY	81,950
INSTITUTION TOTAL	1		81,950
CITY TOTAL	1		81,950
STATE TOTAL	1		81,950
PENNSYLVANIA PITTSBURGH MPC CORPORATION 1T15 HG00015-01	NICHOLAS, HUGH B, JR	TRAINING IN SEQUENCE ANALYSIS USING SUPERCOMPUTERS	53,894
INSTITUTION TOTAL	1		53,894
CITY TOTAL	1		53,894
STATE TOTAL	1		53,894
WASHINGTON SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER 1T32 CA09657-01	REEDER, RONALD H	CHROMOSOME METABOLISM AND CANCER	81,792
INSTITUTION TOTAL	1		81,792
UNIVERSITY OF WASHINGTON 1T15 HG00009-01	JONSEN, ALBERT R	SHORT COURSE IN ETHICS AND GENOMIC ANALYSIS	26,209
INSTITUTION TOTAL	1		26,209
CITY TOTAL	2		108,001
STATE TOTAL	2		108,001

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1T32 AG00213-01	ERSHLER, WILLIAM B	BIOLOGY OF AGING AND AGE RELATED DISEASES	74,560
INSTITUTION TOTAL	1		74,560
CITY TOTAL	1		74,560
STATE TOTAL	1		74,560
TOTAL	16		972,577



GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT	DOLLARS AWARDED
<b>COLORADO</b>			
DENVER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT DENVER			
1C06 CA54080-01	BUNN, PAUL A	EXTRAMURAL RESEARCH FACILITIES CONSTRUCTION	2,400,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
<b>KANSAS</b>			
LAWRENCE			
UNIVERSITY OF KANSAS	LAWRENCE		
1C06 CA54087-01	HOROWITZ, FRANCES D	EXTRAMURAL RESEARCH FACILITIES CONSTRUCTION	2,400,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
<b>MASSACHUSETTS</b>			
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1C06 CA51385-01	DAVIS, ALAN G	RENOVATIONS TO CANCER CENTER	209,950
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TOTAL	3		5,009,950

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN MARQUETTE MARQUETTE GENERAL HOSPITAL 1607 LM05275-01	KINGSBURY, MILDRED E	GENERAL LIBRARY/CLINIC FAX TRANSMISSION PROJECT	16,065
INSTITUTION TOTAL	1		16,065
CITY TOTAL	1		16,065
STATE TOTAL	1		16,065
TOTAL	1		16,065

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<p style="text-align: center;">NIM COOPERATIVE AGREEMENTS</p>			
ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1U10 HD27869-01	HAUTH, JOHN C	COOP MULTICENTER NETWORK OF MATERNAL FETAL MEDICINE CARE	97,790
INSTITUTION TOTAL	1		97,790
CITY TOTAL	1		97,790
STATE TOTAL	1		97,790
CALIFORNIA STANFORD STANFORD UNIVERSITY 1U10 HD27880-01	STEVENSON, DAVID K	1 COOP MULTICENTER NETWORK--NEONATAL INTENSIVE CARE UNITS	17,200
INSTITUTION TOTAL	1		17,200
CITY TOTAL	1		17,200
STATE TOTAL	1		17,200
CONNECTICUT NEW HAVEN YALE UNIVERSITY 1U10 HD27871-01	EHRENKRANZ, RICHARD A	MULTICENTER NETWORK OF NEONATAL INTENSIVE CARE UNITS	160,443
INSTITUTION TOTAL	1		160,443
CITY TOTAL	1		160,443
STATE TOTAL	1		160,443
DIST OF COL WASHINGTON HOWARD UNIVERSITY 1U01 AI30780-01	MALVEAUX, FLOYD J	OMITTED	321,767
INSTITUTION TOTAL	1		321,767
CITY TOTAL	1		321,767
STATE TOTAL	1		321,767
GEORGIA ATLANTA EMORY UNIVERSITY 1U10 HD27851-01	STOLL, BARBARA J	PROPOSAL TO PARTICIPATE IN MULTICENTER NETWORK OF NICUS	143,015

NIH  
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	143,015 143,015	
STATE TOTAL	1	143,015	
ILLINOIS			
CHICAGO			
CHILDREN'S MEMORIAL HOSPITAL 1U01 AI30756-01	EVANS, RICHARD, III	1 CHICAGO INNER-CITY ASTHMA STUDY	219,752
INSTITUTION TOTAL	1	219,752	
UNIVERSITY OF CHICAGO			
1U10 HD27861-01	MOAMAD, ATEF H	MATERNAL FETAL MEDICINE UNIT AT UNIVERSITY OF CHICAGO	120,445
INSTITUTION TOTAL CITY TOTAL	1 2	120,445 340,197	
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER			
1U01 CA53799-01	MOBARHAN, SOHRAB	EFFECTS OF BETA-CAROTENE ON COLONIC CELL PROLIFERATION	235,227
INSTITUTION TOTAL CITY TOTAL	1 1	235,227 235,227	
STATE TOTAL	3	575,424	
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS 1U10 HD27856-01	LEMONS, JAMES A	COOP MULTICENTER NETWORK OF NEONATAL INTENSIVE CARE UNIT	153,969
INSTITUTION TOTAL CITY TOTAL	1 1	153,969 153,969	
STATE TOTAL	1	153,969	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY 1U01 AI30773-01	EGGLESTON, PEYTON A	1 ROLE OF HOME ENVIRONMENT IN INNER-CITY ASTHMA	261,985



NIH  
COOPERATIVE AGREEMENTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

MARYLAND  
BALTIMORE  
JOHNS HOPKINS UNIVERSITY  
1U01 CA53801-01 GIARDIELLO, FRANCIS M

128,315

INSTITUTION TOTAL 2 390,300  
CITY TOTAL 2 390,300  
STATE TOTAL 2 390,300

MASSACHUSETTS  
WATERTOWN  
NEW ENGLAND RESEARCH INSTITUTE, INC.  
1U01 HL47098-01 MC KINLAY, SONJA M

971,889

COORD. CTR. FOR CHILDREN'S ACTIVITY TRIAL OF CV HEALTH

INSTITUTION TOTAL 1 971,889  
CITY TOTAL 1 971,889  
STATE TOTAL 1 971,889

MICHIGAN  
DETROIT  
HENRY FORD HOSPITAL  
1U01 AI30779-01 LEICKLY, FREDERICK E

223,975

NATIONAL COOPERATIVE INNER-CITY ASTHMA STUDY

INSTITUTION TOTAL 1 223,975

WAYNE STATE UNIVERSITY  
1U10 HD27917-01 BOTTOMMS, SIDNEY F

88,689

WAYNE STATE UNIVERSITY MFU NETWORK CENTER

INSTITUTION TOTAL 1 88,689  
CITY TOTAL 2 312,664  
STATE TOTAL 2 312,664

MISSOURI  
SAINT LOUIS  
WASHINGTON UNIVERSITY  
1U01 AI30752-01 WEDNER, H JAMES

261,631

SAINT LOUIS ASTHMA STUDY UNIT

INSTITUTION TOTAL 1 261,631  
CITY TOTAL 1 261,631  
STATE TOTAL 1 261,631

GRANT NUMBER		PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH COOPERATIVE AGREEMENTS	DOLLARS AWARDED
NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1U10 HD27881-01		PAPILE, LU-ANN	COOPERATIVE MULTICENTER NETWORK OF NEONATAL ICU'S		108,543
INSTITUTION TOTAL		1		108,543	
CITY TOTAL		1		108,543	
STATE TOTAL		1		108,543	
NEW YORK NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1U01 AI30772-01		KATTAN, MEYER	NATIONAL COOPERATIVE INNER CITY ASTHMA STUDY		259,200
INSTITUTION TOTAL		1		259,200	
YESHIVA UNIVERSITY 1U01 AI30777-01		CRAIN, ELLEN	REDUCTION OF INNER-CITY ASTHMA		220,645
1U01 CA53818-01		ROMNEY, SEYMOUR L	BETA CAROTENE CLINICAL TRIAL MONITORING CERVIX DYSPLASIA		465,648
INSTITUTION TOTAL		2		686,293	
CITY TOTAL		3		945,493	
STATE TOTAL		3		945,493	
NORTH CAROLINA WINSTON-SALEM WAKE FOREST UNIVERSITY 1U10 HD27860-01		MEIS, PAUL J	MFMU COOPERATIVE AGREEMENT APPLICATIONS		90,478
1U10 CA53128-01		PATTERSON, RICHARD B	PEDIATRIC ONCOLOGY GROUP STUDIES		36,439
INSTITUTION TOTAL		2		126,917	
CITY TOTAL		2		126,917	
STATE TOTAL		2		126,917	
OHIO CINCINNATI UNIVERSITY OF CINCINNATI AT CINCINNATI 1U10 HD27905-01		MIODOVNIK, MENACHEM	COOP MULTICENTER NETWORK OF MATERNAL-FETAL MEDICINE UNIT		118,703
1U10 HD27853-01		TSANG, REGINALD C	COOPERATIVE MULTICENTER NETWORK OF NICUS		178,605
INSTITUTION TOTAL		2		297,308	

COOPERATIVE AGREEMENTS		NIH		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL			
CITY TOTAL	2		297,308		
OHIO					
CLEVELAND					
CASE WESTERN RESERVE UNIVERSITY					
1U01 AI30751-01	KERCSMAR, CAROLYN M	PREDICTORS OF ASTHMA MORBIDITY IN URBAN BLACK CHILDREN			239,933
INSTITUTION TOTAL	1		239,933		
CITY TOTAL	1		239,933		
STATE TOTAL	3		537,241		
OKLAHOMA					
OKLAHOMA CITY					
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER					
1U10 HD27889-01	THURNAU, GARY R	MFU COOPERATIVE AGREEMENT APPLICATION			94,126
INSTITUTION TOTAL	1		94,126		
CITY TOTAL	1		94,126		
STATE TOTAL	1		94,126		
RHODE ISLAND					
PROVIDENCE					
WOMEN AND INFANTS HOSPITAL OF RHODE ISLAND					
1U10 HD27904-01	OH, WILLIAM	MULTICENTER NEONATAL NETWORK			150,375
INSTITUTION TOTAL	1		150,375		
CITY TOTAL	1		150,375		
STATE TOTAL	1		150,375		
UTAH					
SALT LAKE CITY					
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH					
1U01 CA53807-01	MC WHORTER, WILLIAM P	EFFECT OF TAMOXIFEN ON PROLIFERATIVE BREAST DISEASE			167,965
INSTITUTION TOTAL	1		167,965		
CITY TOTAL	1		167,965		
STATE TOTAL	1		167,965		

NTH COOPERATIVE AGREEMENTS				DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		
VIRGINIA RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY 1U10 HD27883-01	VANDORSTEN, J PETER	COOP MULTICENTER NETWORK OF MATERNAL FETAL MEDICINE UNIT		100,896
INSTITUTION TOTAL	1		100,896	
CITY TOTAL	1		100,896	
STATE TOTAL	1		100,896	
TOTAL	28		5,637,648	



DOLLARS  
AWARDED

21,700

21,700

21,600  
22,700  
22,700

21,600  
22,700  
22,700

22,700  
22,700  
27,000  
21,600  
21,600

21,600

22,700

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>IRVINE</b>			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1F32 EY06344-01	CARDER, RENEE K	NEUROBIOLOGY	22,700
1F32 GM14178-01	WIMLEY, WILLIAM C	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL	2		
CITY TOTAL	2		
<b>LOMA LINDA</b>			
LOMA LINDA UNIVERSITY			
1F05 TW04622-01	KRACZKOWSKI, JANUSZ J	REPRODUCTIVE PHYSIOLOGY	30,800
INSTITUTION TOTAL	1		
CITY TOTAL	1		
<b>LOS ANGELES</b>			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1F32 GM14407-01	BEALS, THOMAS P	DEVELOPMENTAL BIOLOGY	22,700
1F32 HD07444-01	FANURIK, DEBRA	PEDIATRICS	22,700
1F32 CA09108-01	FEUER, GEROLD	VIROLOGY	22,700
1F32 HD07476-01	FUGERTY, FRANCES J	GENETICS	21,600
1F32 NS09040-01	GRISHAM, WILLIAM E	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	31,200
1F32 HD07420-01	RUSKIN-GILLMAN, ELLEN M	MENTAL RETARDATION	28,600
INSTITUTION TOTAL	6		
CITY TOTAL	149,500		
<b>UNIVERSITY OF SOUTHERN CALIFORNIA</b>			
1F32 DC00063-01	JOHNSON, JAMES F	NEUROBIOLOGY	22,700
INSTITUTION TOTAL	1		
CITY TOTAL	7		
<b>PASADENA</b>			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
1F32 NS09018-01	KAPRIELIAN, ZAVEN	NEUROBIOLOGY	28,600
1F05 TW04576-01	LOPEZ, SUSANA	MOLECULAR BIOLOGY	28,570
INSTITUTION TOTAL	2		
CITY TOTAL	57,170		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>SAN DIEGO</b>			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1F32 HG00036-01	ALMASAN, ALEXANDRU	MOLECULAR BIOLOGY	22,700
1F05 TW04542-01	BENGAL, EYAL	MOLECULAR BIOLOGY	24,000
1F32 CA09115-01	MIYAMOTO, SHIGEKI	MOLECULAR BIOLOGY	22,700
1F32 NS09029-01	PUCHALSKI, RALPH B	NEUROBIOLOGY	21,600
1F32 DC00054-01	WEBER, CHRISTINE M	RECEPTOR AND EFFECTOR PROCESSES	22,700
INSTITUTION TOTAL 5 113,700			
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1F05 TW04569-01	MERLO PICH, EMILIO	NEUROBIOLOGY	28,000
INSTITUTION TOTAL 1 28,000			
<b>UNIVERSITY OF CALIFORNIA AT SAN DIEGO</b>			
1F32 DK08584-01	DI DONATO, JOSEPH A	DEVELOPMENTAL BIOLOGY	21,600
1F05 TW04523-01	GOMEZ, JORGE A	VIROLOGY	27,825
1F05 TW04557-01	MEIRELES DA SILVA, JUAN	BIOCHEMISTRY	28,000
1F05 TW04602-01	NINOMIYA, HARUAKI	BIOCHEMISTRY	29,000
1F32 NS09009-01	PRECHTL, JAMES C	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	28,600
INSTITUTION TOTAL 5 135,025			
CITY TOTAL 11 276,725			
<b>SAN FRANCISCO</b>			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1F32 NS09012-01	KOLODZIEJ, PETER A	NEUROBIOLOGY	21,600
1F32 GM14456-01	NG, DAVIS, T W	MOLECULAR BIOLOGY	21,600
1F32 DK08608-01	ROCKEY, DON C	CELL BIOLOGY	33,800
1F32 HD07461-01A1	STEPHENS, LAURIE E	GENETICS	28,600
1F32 GM14365-01	YAP, WENDY Y	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL 5 127,200			
CITY TOTAL 5 127,200			
<b>SANTA ANA</b>			
TRIMEDYNE, INC.			
1F32 GM14487-01	BROWN, THOMAS A	MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL 1 22,700			
CITY TOTAL 1 22,700			

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>STANFORD</b>			
STANFORD UNIVERSITY			
1F32 GM14396-01	BABITZKE, PAUL L	MOLECULAR BIOLOGY	21,600
1F32 GM14428-01	CAMPOCHIARO, CECELIA	INORGANIC CHEMISTRY	21,600
1F32 DK08577-01	CHIN, JANICE E	ENDOCRINOLOGY	22,700
1F32 NS09027-01	DAILEY, MICHAEL E	NEUROBIOLOGY	21,600
1F32 EY06342-01	FRANTZ, GRETECHEN D	NEUROBIOLOGY	21,600
1F05 TW04226-01	LAHESMAA-RANTALA, RIITTA L	IMMUNOLOGY	28,200
1F32 AI08501-01	LOWRY, PHILIP W	INTERNAL MEDICINE	35,300
1F32 HL08453-01	MC EVOY, LESLIE M	CELL BIOLOGY	29,900
1F32 EY06351-01	MIDDENDORF, THOMAS R	PHYSIOLOGY	21,600
1F32 AI08393-01	NORTHROP, JEFFREY P	GENETICS	31,200
1F32 HD07471-01	RUBY, NORMAN F	ENDOCRINOLOGY	21,600
1F32 GM14356-01	SINGER, MITCHELL H	MOLECULAR BIOLOGY	21,600
1F32 ES05521-01	SWEDER, KEVIN S	MUTAGENESIS	28,600
1F32 GM14381-01	ZRALY, CLAUDIA B	BIOCHEMISTRY	21,600
<b>INSTITUTION TOTAL</b>			
14			348,700
<b>CITY TOTAL</b>			348,700
<b>STATE TOTAL</b>			239,695
<b>COLORADO</b>			
<b>BOULDER</b>			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1F32 GM14471-01	LONG, DAVID M	BIOCHEMISTRY	21,600
<b>INSTITUTION TOTAL</b>			
1			21,600
<b>CITY TOTAL</b>			21,600
<b>DENVER</b>			
UNIVERSITY OF DENVER			
1F32 NS09011-01	BRAATEN, RICHARD F	DEVELOPMENTAL AND CHILD PSYCHOLOGY	21,600
<b>INSTITUTION TOTAL</b>			
1			21,600
<b>CITY TOTAL</b>			21,600
<b>STATE TOTAL</b>			43,200
<b>CONNECTICUT</b>			
<b>FARMINGTON</b>			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
1F05 TW04516-01	MORARU, ION	CELL BIOLOGY	27,985



NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1F32 HD07515-01 ROARK, EILEEN F 1F32 HD07509-01 SHILLING, FRASER M		GENETICS OBSTETRICS AND GYNECOLOGY	22,700 21,600
INSTITUTION TOTAL 3 72,285 CITY TOTAL 3 72,285			
NEW HAVEN YALE UNIVERSITY 1F32 DK08585-01 BEMENT, WILLIAM 1F05 TW04575-01 CHIU, HUI-FEN A 1F32 DC00062-01 DIBELLO, PAUL R 1F32 DK08588-01 HASSON, TAMA B 1F33 AI08338-01A1 JONES, JAMES F 1F05 TW04606-01 MRZLJAK, LADISLAV 1F32 GM14384-01 ROBERTS, DENISE M 1F05 TW04548-01 SCHWIENING, CHRISTOF J 1F32 AI08415-01 VILLANUEVA, MERCEDITAS S		CELL BIOLOGY PHARMACOLOGY BIOCHEMICAL AND MOLECULAR GENETICS CELL BIOLOGY INTERNAL MEDICINE ANATOMY CELL BIOLOGY PHYSIOLOGY INTERNAL MEDICINE	21,600 27,350 21,600 21,600 35,300 28,700 21,600 24,000 32,500
INSTITUTION TOTAL 9 234,250 CITY TOTAL 9 234,250 STATE TOTAL 12 306,535			
DIST OF COL WASHINGTON AMERICAN NATIONAL RED CROSS 1F32 HL08467-01 WILLIAMS, SUZANNE E		BIOCHEMISTRY	22,700
INSTITUTION TOTAL 1 22,700			
GEORGETOWN UNIVERSITY 1F05 TW04561-01 SUJARIT, SUPARP		CELL BIOLOGY	27,200
INSTITUTION TOTAL 1 27,200			
HOWARD UNIVERSITY 1F31 GM14103-01 MC DONALD, MICHAEL A		PHARMACOLOGY	17,456
INSTITUTION TOTAL 1 17,456 CITY TOTAL 3 67,356 STATE TOTAL 3 67,356			

NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

FIELD OF INTEREST

FELLOW

APPLICATION NUMBER

FLORIDA

MIAMI

UNIVERSITY OF MIAMI

1F32 NS09015-01

LUEBKE, ANNE E

NEUROBIOLOGY

21,600

INSTITUTION TOTAL

1

21,600

CITY TOTAL

1

21,600

TALLAHASSEE

STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY

1F32 GM14368-01

MURPHEY, ROBERTA J

MOLECULAR BIOLOGY

28,600

INSTITUTION TOTAL

1

28,600

CITY TOTAL

1

28,600

STATE TOTAL

2

50,200

GEORGIA

ATLANTA

EMORY UNIVERSITY

1F32 NS09042-01

BROWN, MICHAEL D

GENETICS

21,600

1F32 HL08448-01

ESBENSHADE, TIMOTHY A

PHARMACOLOGY

21,600

1F32 HL08461-01

FISHEL, ROBERT S

MOLECULAR BIOLOGY

29,900

1F32 HL08387-01A1

PAWLOSKI, CORINN M

PHARMACOLOGY

21,600

1F32 HL08399-01A1

VERVERIS, JOHN J

MOLECULAR BIOLOGY

31,200

INSTITUTION TOTAL

5

125,900

UNIVERSITY SYSTEM OF GEORGIA--GEORGIA STATE UNIVERSITY

1F32 DC00061-01

FINE-LEVY, JACQUELINE B

PHYSIOLOGY

21,600

INSTITUTION TOTAL

1

21,600

CITY TOTAL

6

147,500

STATE TOTAL

6

147,500

ILLINOIS

CHICAGO

NORTHWESTERN UNIVERSITY

1F05 TW04519-01

ERIKSSON, JOHN E

CELL BIOLOGY

24,800

INSTITUTION TOTAL

1

24,800

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
1F31 DK08618-01	LIESKE, JOHN C	MOLECULAR BIOLOGY IMMUNOLOGY BIOPHYSICS	31,200
1F05 TW04637-01	LU, CHUAN-ZHEN		28,000
1F32 GM14458-01	WERST, MELANIE M		22,700
INSTITUTION TOTAL	3		81,900
UNIVERSITY OF ILLINOIS AT CHICAGO			
1F31 NR06667-01	DEMONTERICE, DONNA A	NURSING OBSTETRICS AND GYNECOLOGY	12,800
1F32 HD07508-01	HILD-PETITO, SHERI A		28,600
INSTITUTION TOTAL	2		41,400
CITY TOTAL	6		148,100
EVANSTON			
NORTHWESTERN UNIVERSITY			
1F32 GM14259-01	DEROSE, VICTORIA J	PHYSICAL CHEMISTRY REPRODUCTIVE PHYSIOLOGY MOLECULAR BIOLOGY OBSTETRICS AND GYNECOLOGY	21,600
1F32 DK08513-01A1	KNOX, KERRY L		22,700
1F32 GM14473-01	MURPHY, SHAWN P		22,700
1F05 TW04550-01	SISTONEN, LEA T		24,800
1F32 HD07450-01A1	YOUNG, KATHLEEN H		28,600
INSTITUTION TOTAL	5		120,400
CITY TOTAL	5		120,400
STATE TOTAL	11		268,500
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1F32 HL08460-01	HAY, MEREDITH	PHYSIOLOGY PHYSIOLOGY PHYSIOLOGY PHYSIOLOGY EPIDEMIOLOGY	22,700
1F32 HL08458-01	HAYWARD, LINDA F		21,600
1F32 HL08444-01	JONES, LESLIE F		22,700
1F32 HL08442-01	TRAVIS, KATHLEEN A		28,600
1F05 TW04603-01	WIDMER, ANDREAS F		29,000
INSTITUTION TOTAL	5		124,600
CITY TOTAL	5		124,600
STATE TOTAL	5		124,600

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>MARYLAND</b>			
<b>BALTIMORE</b>			
JOHNS HOPKINS UNIVERSITY			
1F32 CA09075-01	BAUMANN, MICHAEL A	CHEMISTRY	21,600
1F32 GM14364-01	EGAN, SUSAN M	BIOCHEMISTRY	21,600
1F32 HD07501-01	MJAATVEDT, ANNE E	MENTAL RETARDATION	22,700
1F32 HD07516-01	ROBERTS, KENNETH P	OBSTETRICS AND GYNECOLOGY	22,700
INSTITUTION TOTAL	4		88,600
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL			
1F32 AG05555-01	DENGEL, DONALD R	PHYSIOLOGY	21,600
1F05 TW04624-01	NICULESCU, FLORIN I	PATHOLOGY	29,200
INSTITUTION TOTAL	2		50,800
CITY TOTAL	6		139,400
<b>BETHESDA</b>			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH ADMIN			
1F05 TW04504-01	LEE, YONG SUNG	NEUROBIOLOGY	26,532
1F05 TW04591-01	YAN, GUANG-MEI	PHARMACOLOGY	24,632
INSTITUTION TOTAL	2		51,164
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVEL			
1F05 TW04596-01	TIAN, YING	ENDOCRINOLOGY	25,232
INSTITUTION TOTAL	1		25,232
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF DENTAL RESEARCH			
1F32 DE05599-01	WEEKS, BENJAMIN S	ORAL BIOLOGY	27,600
INSTITUTION TOTAL	1		27,600
CITY TOTAL	4		103,996
<b>COLLEGE PARK</b>			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
1F32 DC00052-01	FARABAUGH, SUSAN M	MULTIDISCIPLINARY, MEDICAL STUDENT, PART-TIME, BASIC	35,300
INSTITUTION TOTAL	1		35,300
CITY TOTAL	1		35,300
STATE TOTAL	11		278,696



NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
BRIGHAM AND WOMEN'S HOSPITAL			
1F32 DK08610-01	BLOOM, ROY D	IMMUNOLOGY	35,300
1F05 TW04580-01	KAUTZANI, PHOTINI M	EXPERIMENTAL PATHOLOGY	28,000
1F32 HL08474-01	KILBOURNE, EDWARD J	DEVELOPMENTAL BIOLOGY	21,600
1F05 TW04539-01	KIM, CHUL M	EXPERIMENTAL PATHOLOGY	28,000
1F32 DK08616-01	NAVARRO, JESUS V	GENETICS	31,200
1F05 TW04573-01	SANCHEZ-GUERRERO, FRANCISCO	EPIDEMIOLOGY	28,520
1F32 DK08601-01	ZUCKER, STEPHEN D	BIOCHEMISTRY	32,500
INSTITUTION TOTAL 7 205,120			
CHILDREN'S HOSPITAL			
1F32 EY06333-01	DODGE, ANDREA B	CELL BIOLOGY	21,600
1F05 TW04598-01	WITTERT, GARY A	ENDOCRINOLOGY	29,730
INSTITUTION TOTAL 2 51,330			
DANA-FARBER CANCER INSTITUTE			
1F32 CA08820-01A1	BOYLAN, JOHN F	MOLECULAR BIOLOGY	28,600
1F32 CA09121-01	LU, MICHAEL L	MOLECULAR BIOLOGY	28,600
1F32 CA09118-01	MORGAN, JEFFREY A	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL 3 78,800			
HARVARD UNIVERSITY			
1F32 ES05530-01	BOUSALIS, MICHAEL S	TOXICOLOGY	22,700
1F05 TW04536-01	CRUZ, ANGELA K	MOLECULAR BIOLOGY	29,100
1F32 ES05535-01	FUGE, EDWINA K	GENETICS	21,600
1F32 EY06345-01	GILBERT, BRYANT A	PHARMACOLOGY	21,600
1F32 AI08426-01	HODGE, MARTIN R	GENETICS	21,600
1F32 AI08385-01A1	LEVAN, KAY M	VIROLOGY	22,700
1F32 GM14357-01	MURPHY, CHRISTOPHER K	GENETICS	22,700
1F32 GM14402-01	WHIPPLE, FREDERICK W	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL 8 183,600			
MASSACHUSETTS GENERAL HOSPITAL			
1F05 TW04520-01	ARONEN, HANNU J	PATHOLOGY	28,000
1F32 AI08484-01	BARNETT, MARTHA L	IMMUNOLOGY	33,800
INSTITUTION TOTAL 2 61,800			
TUFTS UNIVERSITY			
1F32 CA08894-01A1	PARKER, LAURA L	MOLECULAR BIOLOGY	28,600

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>MASSACHUSETTS</b>			
<b>BOSTON</b>			
TUFTS UNIVERSITY			
1F32 AI08421-01	STACY, TERRY P	MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	2		51,300
<b>U.S. VETERANS ADMINISTRATION MEDICAL CENTER</b>			
1F32 HL08313-01A1	DALEY, WILLIAM L	PHYSIOLOGY	33,800
INSTITUTION TOTAL	1		33,800
CITY TOTAL	25		665,750
<b>CAMBRIDGE</b>			
HARVARD UNIVERSITY			
1F32 GM14371-01	ANDERSON, BENJAMIN A	ORGANIC CHEMISTRY	21,600
1F32 AI08432-01	ANDRUS, MERRITT B	PHYSICAL CHEMISTRY	21,600
1F32 GM14254-01	MARMORSTEIN, RONEN	BIOCHEMISTRY	22,700
1F32 HD07487-01	NOCENTE-MCGRATH, CATHERINE	GENETICS	21,600
1F32 HD07480-01	STRASSMANN, BEVERLY I	ANTHROPOLOGY	21,600
INSTITUTION TOTAL	5		109,100
<b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>			
1F32 AR08176-01	BLOCK, NANCY E	DEVELOPMENTAL BIOLOGY	22,700
1F05 TW04491-01	CRUZ, ANTONIO A	PSYCHOPHYSICS	29,100
1F06 TW01686-01	FOX, MAURICE S	MUTAGENESIS	10,667
1F32 GM14404-01	GERFEN, GARY J	PHYSICAL CHEMISTRY	21,600
1F32 GM14484-01	GONZALEZ, JUAN E	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL	5		105,667
<b>WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH</b>			
1F32 CA09097-01	LAIRD, PETER W	GENETICS	29,900
INSTITUTION TOTAL	1		29,900
CITY TOTAL	11		244,667
<b>NEWTON</b>			
<b>BOSTON COLLEGE</b>			
1F31 NR06621-01	FEILD, MARY L	NURSING	12,800
INSTITUTION TOTAL	1		12,800
CITY TOTAL	1		12,800

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>MASSACHUSETTS</b>			
<b>SHREWSBURY</b>			
<b>WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC.</b>			
1F32 GM14228-01	HORST, CYNTHIA J	MOLECULAR BIOLOGY	
INSTITUTION TOTAL	1		22,700
CITY TOTAL	1		22,700
<b>WALTHAM</b>			
<b>BRANDEIS UNIVERSITY</b>			
1F32 NS09025-01	JEKA, JOHN J	EXPERIMENTAL AND GENERAL PSYCHOLOGY	21,600
1F32 HL08472-01	MADDEN, THOMAS L	CHEMISTRY	21,600
1F32 HL08434-01	WALIAN, PETER J	MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	3		65,900
CITY TOTAL	3		65,900
<b>WORCESTER</b>			
<b>UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER</b>			
1F05 TW04534-01	LEMAIGRE, FREDERIC P	MOLECULAR BIOLOGY	29,400
1F05 TW04512-01	MC GEOWN, JAMES G	PHYSIOLOGY	29,000
INSTITUTION TOTAL	2		58,400
CITY TOTAL	2		58,400
STATE TOTAL	43		070,217
<b>MICHIGAN</b>			
<b>ANN ARBOR</b>			
<b>UNIVERSITY OF MICHIGAN AT ANN ARBOR</b>			
1F32 AR08149-01A1	BAYNE, NANCY K	IMMUNOLOGY	28,600
1F32 DK08572-01	GONG, TZY-WEN L	PHYSIOLOGY	22,700
1F32 DK08579-01	GREENBERG, SUZANNE G	PHYSIOLOGY	21,600
1F32 DK08580-01	SIMEONE, DIANE M	PHYSIOLOGY	28,600
1F32 HD07514-01	WOOD, RUTH I	OBSTETRICS AND GYNECOLOGY	21,600
INSTITUTION TOTAL	5		123,100
CITY TOTAL	5		123,100
<b>DETROIT</b>			
<b>HENRY FORD HOSPITAL</b>			
1F05 TW04634-01	HAN, ENJI	PHARMACOLOGY	28,000
INSTITUTION TOTAL	1		28,000

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MICHIGAN DETROIT WAYNE STATE UNIVERSITY 1F32 ES05540-01	RUCH, RANDALL J	TOXICOLOGY	28,600
INSTITUTION TOTAL CITY TOTAL	1 28,600 2 56,600		
EAST LANSING MICHIGAN STATE UNIVERSITY 1F06 TW01657-01 1F32 ES05531-01	ROBBINS, LEONARD G STEIGNER, ROBERT J	GENETICS MUTAGENESIS	33,722 21,600
INSTITUTION TOTAL CITY TOTAL	2 55,322 2 55,322		
STATE TOTAL	9 235,022		
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL 1F32 GM14344-01 1F32 HL08469-01 1F32 HL08440-01 1F32 HL08451-01 1F32 EY06331-01	BURD, RANDALL S CONNELLY, TERENCE FOX, JOAN M K PETERSON, CRAIG R SNOW, DIANE M	MICROBIOLOGY PHYSIOLOGY PULMONARY DISEASES PHYSIOLOGY CELL BIOLOGY	31,200 31,200 33,800 32,500 22,700
INSTITUTION TOTAL CITY TOTAL	5 151,400 5 151,400		
STATE TOTAL	5 151,400		
MISSISSIPPI JACKSON UNIVERSITY OF MISSISSIPPI MEDICAL CENTER 1F34 GM14412-01	CHIGBO, FRANCIS E	TOXICOLOGY	28,000
INSTITUTION TOTAL CITY TOTAL	1 28,000 1 28,000		
STATE TOTAL	1 28,000		



NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1F05 TM04577-01	RATAJSKA, ANNA J	PATHOLOGY MOLECULAR BIOLOGY	30,000
1F32 GM14433-01	SMITH, ROBERT D		22,700
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
1F32 GM14465-01	ARONSON, BENJAMIN D	GENETICS	21,600
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK			
1F32 ES05519-01	CAFFREY, PAULA B	TOXICOLOGY	22,700
INSTITUTION TOTAL	1		
CITY TOTAL	1		
PRINCETON			
PRINCETON UNIVERSITY			
1F32 GM14398-01	BOLLAG, RONI J	GENETICS MOLECULAR BIOLOGY	22,700
1F32 GM14391-01	ESTES, PATRICIA A		21,600
1F32 CA09093-01	ROSENBERG, MARJORIE J	21,600	
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	4		
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO ALBUQUERQUE			
1F32 HL08446-01	JAMES, DAVID S	PREVENTIVE MEDICINE	32,500

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL	1		32,500
CITY TOTAL	1		32,500
STATE TOTAL	1		32,500
NEW YORK			
ALBANY			
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV			
1F32 ES05538-01	COLINAS, ROBERT J	TOXICOLOGY	22,700
1F32 ES05542-01	WALSH, ANNE C	TOXICOLOGY	22,700
INSTITUTION TOTAL	2		45,400
CITY TOTAL	2		45,400
ITHACA			
CORNELL UNIVERSITY ITHACA			
1F32 GM14352-01	BERRYMAN, MARK A	MOLECULAR BIOLOGY	21,600
1F32 GM14438-01	GIARDINA, CHARLES A	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL	2		43,200
CITY TOTAL	2		43,200
NEW YORK			
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1F32 HL08432-01	BIELEFELD, MARK R	PHYSIOLOGY	29,900
1F05 TW04583-01	MOTYKIEWICZ, GRAZYNA	MOLECULAR BIOLOGY	27,400
1F32 GM14042-01A1	RYAN, DANIEL E	ORGANIC CHEMISTRY	21,600
1F05 TW04636-01	WU, LIWEN	PHARMACOLOGY	28,000
INSTITUTION TOTAL	4		106,900
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
1F32 HD07495-01	SACCA, ROSALBA	GENETICS	31,200
INSTITUTION TOTAL	1		31,200
NEW YORK UNIVERSITY			
1F32 EY06337-01	JOHNSTON, ELIZABETH B	DEVELOPMENTAL PSYCHOLOGY	28,600
INSTITUTION TOTAL	1		28,600

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
NEW YORK			
NEW YORK			
ROCKEFELLER UNIVERSITY			
1F32 NS09026-01	FLANAGAN, LORETTA M	NEUROBIOLOGY	21,600
1F05 TW04535-01	HORTA, MARIA	IMMUNOLOGY	26,600
1F05 TW04581-01	KAPOTAS, NIKITAS	PARASITOLOGY	28,760
1F32 GM14313-01	RIOS, CARLOS B	BIOCHEMISTRY	28,600
1F32 EY06347-01	ROE, ANNA W	NEUROBIOLOGY	21,600
INSTITUTION TOTAL	5		127,160
YESHIVA UNIVERSITY			
1F05 TW04621-01	PIETRANGELO, ANTONELLO	MOLECULAR BIOLOGY	28,900
INSTITUTION TOTAL	1		28,900
CITY TOTAL	12		322,760
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1F32 ES05528-01	SIMMONS, THOMAS W	TOXICOLOGY	28,600
INSTITUTION TOTAL	1		28,600
CITY TOTAL	1		28,600
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1F05 TW04614-01	CIESIELSKI, BARTLOMIEJ W	RADIATION PHYSICS	27,200
1F32 EY06340-01	VAUGHAN, JOHN W	NEUROBIOLOGY	21,600
1F32 AI08482-01	WITHERELL, GRAY W	VIROLOGY	22,700
INSTITUTION TOTAL	3		71,500
CITY TOTAL	3		71,500
VALHALLA			
AMERICAN HEALTH FOUNDATION--NAYLOR DANA INSTITUTE FOR DISEASE PREVENTION			
1F32 ES05537-01	RUTBERG, SUSAN E	ENVIRONMENTAL TOXICOLOGY	22,700
INSTITUTION TOTAL	1		22,700
CITY TOTAL	1		22,700
STATE TOTAL	21		534,160

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>NORTH CAROLINA</b>			
<b>CHAPEL HILL</b>			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
1F32 EY06336-01	BARE, DANNY J	NEUROBIOLOGY	21,600
1F32 ES05534-01	CARIELLO, NEAL F	MUTAGENESIS	28,600
1F32 ES05532-01	EASTMAN, HELEN B	BIOCHEMISTRY	22,700
1F32 AI08408-01A1	GUTSCH, DAVID E	MOLECULAR BIOLOGY	32,500
1F32 HL08431-01	HETTASCH, JOANN M	BIOCHEMISTRY	29,900
1F32 HL08413-01A1	SKIBBENS, JEANNE E	BIOCHEMISTRY	21,600
1F32 DE05596-01	YAMAUCHI, SHIZUKO	ORAL BIOLOGY	35,300
INSTITUTION TOTAL 7 192,200			
CITY TOTAL 7 192,200			
<b>DURHAM</b>			
DUKE UNIVERSITY			
1F32 GM14342-01	ALLEN, DWAYNE J	CHEMISTRY	22,700
1F32 DC00064-01	DONALDSON, GAIL S	PHYSIOLOGY	21,600
1F32 AI08281-01A1	KIRK, ALLAN D	IMMUNOLOGY	31,200
INSTITUTION TOTAL 3 75,500			
CITY TOTAL 3 75,500			
<b>RALEIGH</b>			
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH			
1F32 DK08615-01	DIX, DAVID J	BIOCHEMISTRY	21,600
1F32 HL08449-01	DODAM, JOHN R	VETERINARY PHYSIOLOGY	33,800
INSTITUTION TOTAL 2 55,400			
CITY TOTAL 2 55,400			
STATE TOTAL 12 323,100			
<b>OHIO</b>			
CINCINNATI			
UNIVERSITY OF CINCINNATI AT CINCINNATI			
1F32 DE05605-01	PLAVCAN, JOSEPH M	ORAL BIOLOGY	21,600
INSTITUTION TOTAL 1 21,600			
CITY TOTAL 1 21,600			



NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>OHIO</b>			
CLEVELAND			
CLEVELAND CLINIC FOUNDATION			
1F05 TW04618-01	STOLFI, VITO M	IMMUNOLOGY	29,265
INSTITUTION TOTAL 1 29,265			
CITY TOTAL 1 29,265			
STATE TOTAL 2 50,865			
<b>OREGON</b>			
PORTLAND			
MEDICAL RESEARCH FOUNDATION OF OREGON			
1F32 HD07438-01A1	DISSEN , GREGORY A	OBSTETRICS AND GYNECOLOGY	28,600
INSTITUTION TOTAL 1 28,600			
OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY			
1F32 HL08388-01A1	FAVERO, TERENCE G	BIOPHYSICS	21,600
INSTITUTION TOTAL 1 21,600			
CITY TOTAL 2 50,200			
STATE TOTAL 2 50,200			
<b>PENNSYLVANIA</b>			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1F32 DC00067-01	FOSTER, LOUIS A	PHYSIOLOGY	35,300
INSTITUTION TOTAL 1 35,300			
CITY TOTAL 1 35,300			
<b>PHILADELPHIA</b>			
TEMPLE UNIVERSITY			
1F05 TW04524-01	KAPPELMAYER, JANOS	CELL BIOLOGY	28,000
1F31 GM14442-01	VAZQUEZ-MALDONADO, NANCY	MICROBIOLOGY	12,510
INSTITUTION TOTAL 2 40,510			
UNIVERSITY OF PENNSYLVANIA			
1F05 TW04545-01	BAFFY, GYORGY	BIOCHEMISTRY	28,000

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>PENNSYLVANIA</b>			
<b>PHILADELPHIA</b>			
UNIVERSITY OF PENNSYLVANIA			
1F32 GM14373-01	ESHLEMAN, SUSAN H	MOLECULAR BIOLOGY	31,200
1F32 HD07518-01	EWART, JANET L	MENTAL RETARDATION	21,600
1F32 GM14351-01	FARID, RAMY S	BIOCHEMISTRY	21,600
1F32 DK08592-01	KARP, SHARON L	IMMUNOLOGY	31,200
1F32 HL08428-01	NANCE, MICHAEL L	PHYSIOLOGY	29,900
1F31 CA09112-01	PASACRETA, JEANNIE V	NURSING	12,800
1F32 AR08177-01	SHRAGER, JOSEPH B	IMMUNOLOGY	29,900
1F32 GM14463-01	TOBIAS, DOUGLAS J	BIOCHEMISTRY	21,600
1F32 AR08181-01	VON FELDT, JOAN M	IMMUNOLOGY	35,300
INSTITUTION TOTAL			263,100
CITY TOTAL			303,610
<b>PITTSBURGH</b>			
UNIVERSITY OF PITTSBURGH AT PITTSBURGH			
1F05 TN04538-01	MALONE, KEVIN M	PSYCHIATRY	28,950
1F32 HD07517-01	MANNING, JUDITH M	OBSTETRICS AND GYNECOLOGY	21,600
INSTITUTION TOTAL			50,550
CITY TOTAL			50,550
<b>UNIVERSITY PARK</b>			
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK			
1F32 GM14469-01	KALI, WARREN M	BIOCHEMISTRY	22,700
1F32 GM14173-01	WITMER, MARK R	BIOCHEMISTRY	21,600
INSTITUTION TOTAL			44,300
CITY TOTAL			44,300
STATE TOTAL			433,760
<b>TENNESSEE</b>			
<b>NASHVILLE</b>			
MEHARRY MEDICAL COLLEGE			
1F32 DE05604-01	BRADDOCK, MARILYN E	ORAL BIOLOGY	35,300
INSTITUTION TOTAL			35,300
<b>VANDERBILT UNIVERSITY</b>			
1F32 DK08606-01	BUCHS, ANDREAS E	PHYSIOLOGY	35,300

NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
1F32 HL08471-01	BUCK, SCOTT H	BIOCHEMISTRY	33,800
1F32 ES05516-01	GORUCKI, PETER D	ORGANIC CHEMISTRY	21,600
1F05 TW04600-01	HERNANDEZ-SOTOMAYOR, TERESA	BIOCHEMISTRY	25,600
1F34 GM14358-01	MARRERO-CORLETTIO, ROBERTO	CHEMISTRY	28,000
INSTITUTION TOTAL	5		
CITY TOTAL	6		
STATE TOTAL	6		179,600
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS			
1F05 TW04494-01	JACOBSEN, TAGE N	PHYSIOLOGY	29,350
1F05 TW04571-01	SATO, RYUICHIRO	CELL BIOLOGY	28,000
1F32 GM14489-01	SMRCKA, ALAN V	CELL BIOLOGY	21,600
1F32 HD07504-01	THIGPEN, ANICE E	BIOCHEMICAL AND MOLECULAR GENETICS	22,700
INSTITUTION TOTAL	4		
CITY TOTAL	4		
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1F32 EY06265-01A1	DAY, NANCY S	NEUROBIOLOGY	28,600
1F32 EY06330-01	NAASH, MUNA I	MOLECULAR BIOLOGY	21,600
1F32 EY06341-01	STIEMKE, MONICA M	CELL BIOLOGY	21,600
INSTITUTION TOTAL	3		
STATE TOTAL	3		71,800
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1F05 TW04635-01	LISK, DURODAMI	PHARMACOLOGY	28,000
INSTITUTION TOTAL	1		
STATE TOTAL	1		28,000
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1F05 TW04592-01	WANG, CHENG-ZHONG	PHYSIOLOGY	
INSTITUTION TOTAL	1		
CITY TOTAL	5		
STATE TOTAL	5		26,400

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>TEXAS</b>			
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
1F32 HL08426-01	RYAN, KATHY L	PHYSIOLOGY	
INSTITUTION TOTAL	1		22,700
CITY TOTAL	1		22,700
STATE TOTAL	10		250,550
<b>VERMONT</b>			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1F32 CA09083-01	GLACKIN, MARY P	MUTAGENESIS	28,600
1F32 ES05517-01	HATAHET, ZAHER	MUTAGENESIS	22,700
1F33 AI08461-01	JOEL, PETERANNE B	VIROLOGY	35,300
INSTITUTION TOTAL	3		86,600
CITY TOTAL	3		86,600
STATE TOTAL	3		86,600
<b>VIRGINIA</b>			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1F32 AI08389-01A1	BARZAGA-GILBERT, M ELENA	IMMUNOLOGY	22,700
1F32 CA09122-01	SHAFFREY, MARK E	PHYSIOLOGY	29,900
INSTITUTION TOTAL	2		52,600
CITY TOTAL	2		52,600
<b>NORFOLK</b>			
EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS			
1F32 HD07481-01A1	BERGHORN, KATHIE A	OBSTETRICS AND GYNECOLOGY	28,600
INSTITUTION TOTAL	1		28,600
CITY TOTAL	1		28,600
STATE TOTAL	3		81,200
<b>WASHINGTON</b>			
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
1F32 GM14343-01	BUTLER, DAVID K	MOLECULAR BIOLOGY	21,600



NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

INSTITUTION TOTAL 1 21,600

WASHINGTON

SEATTLE  
BIOMEDICAL RESEARCH INSTITUTE  
1F32 AI08491-01 READ, LAURIE K

21,600

BACTERIOLOGY

INSTITUTION TOTAL 1 21,600

UNIVERSITY OF WASHINGTON

1F32 GM14355-01 ADLER, HASKELL T  
1F31 NR06649-01 DAHL, REBECCA W  
1F32 GM14340-01 DAVIS, JEFFERY T  
1F32 NS09035-01 LURIE, DIANA I  
1F32 CA09086-01 MANTUS, ELLEN K

21,600  
12,800  
31,200  
21,600  
21,600

GENETICS  
NURSING  
BIOCHEMISTRY  
NEUROBIOLOGY  
BIOCHEMISTRY

INSTITUTION TOTAL 5 108,800  
CITY TOTAL 7 152,000

STATE TOTAL 7 152,000

WISCONSIN  
MADISON

UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON  
1F32 GM14401-01 BURKE, JAMES R  
1F33 CA09119-01 JURSINIC, PAUL A  
1F32 GM14400-01 LICATA, VINCENT J  
1F32 GM13899-01A1 ORENIC, TERESA V  
1F32 NS09102-01 WRIGHT, DAVID J  
1F32 GM14394-01 ZIEGELHOFFER, THOMAS

21,600  
35,300  
22,700  
22,700  
28,600  
21,600

BIOCHEMISTRY  
THERAPEUTIC RADIOLOGY  
BIOCHEMISTRY  
GENETICS  
NEUROBIOLOGY  
GENETICS

INSTITUTION TOTAL 6 152,500  
CITY TOTAL 6 152,500

MILWAUKEE

MEDICAL COLLEGE OF WISCONSIN  
1F32 HL08455-01 KOKAN-MOORE, NIGHAT P

29,900

DEVELOPMENTAL BIOLOGY

INSTITUTION TOTAL 1 29,900  
CITY TOTAL 1 29,900

STATE TOTAL 7 182,400

NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

CANADA  
EDMONTON  
UNIVERSITY OF ALBERTA  
1F33 HL08436-01 HELMKAMP, GEORGE M, JR

33,242

BIOCHEMISTRY

INSTITUTION TOTAL 1 33,242  
CITY TOTAL 1 33,242

STATE TOTAL 1 33,242

NETHERLANDS  
NIJMEGEN  
CATHOLIC UNIVERSITY NIJMEGEN  
1F33 EY06350-01 TAKEMOTO, DOLORES J

21,533

BIOCHEMISTRY

INSTITUTION TOTAL 1 21,533  
CITY TOTAL 1 21,533

STATE TOTAL 1 21,533

SWEDEN  
STOCKHOLM  
CAROLINE INSTITUTE  
1F32 HL08464-01 NG, CAROL F  
1F32 NS09039-01 SCHOTLAND, JUDITH L

19,700  
19,700

IMMUNOLOGY  
NEUROBIOLOGY

INSTITUTION TOTAL 2 39,400  
CITY TOTAL 2 39,400

STATE TOTAL 2 39,400

TOTAL 266 6,713,631

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
<b>ALABAMA</b>			
<b>BIRMINGHAM</b>			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA			
1K08 NS01500-01	ROSENFELD, STEVEN S	AT BIRMINGHAM	
1K04 HD00867-01A2	WALLANDER, JAN L	ROLE OF MYOSINS I AND II IN CELL MOTILITY	78,840
		MENTALLY RETARDED ADOLESCENTS' STRESS AND COPING	67,500
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
<b>CALIFORNIA</b>			
<b>DAVIS</b>			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1K08 AR01853-01	MAURO, THEODORA M	MEMBRANE CURRENT CONTROL OF KERATINOCYTE DIFFERENTIATION	90,917
1K04 DC00057-01	MC GINN, MICHAEL D	EFFECTS OF AUDITORY EXPERIENCE ON THE COCHLEAR NUCLEUS	67,526
INSTITUTION TOTAL	2		
CITY TOTAL	2		
<b>DUARTE</b>			
CITY OF HOPE NATIONAL MEDICAL CENTER			
1K08 NR00033-01	SAUNDERS, JUDITH M	NURSING--SELF-CARE AND HIV DISEASE	74,539
INSTITUTION TOTAL	1		
CITY TOTAL	1		
<b>LOS ANGELES</b>			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1K11 CA01566-01	BLACK, ALEXANDER C	REGULATION OF HTLV II GENE EXPRESSION BY REX	75,552
INSTITUTION TOTAL	1		
CITY TOTAL	1		
<b>SAN DIEGO</b>			
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1K08 NS01489-01	CLARK, WAYNE M	ROLE OF LEUKOCYTE ADHESION IN CNS ISCHEMIC INJURY	83,587
INSTITUTION TOTAL	1		
CITY TOTAL	1		

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>SAN FRANCISCO</b>			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1K15 DE00307-01	STERN, MICHAEL	HYALURONIDASE INHIBITOR IN ADULT AND FETAL WOUNDS	68,721
INSTITUTION TOTAL	1		68,721
CITY TOTAL	1		68,721
<b>STANFORD</b>			
<b>STANFORD UNIVERSITY</b>			
1K11 CA01561-01	KITCHELL, BARBARA E	MOLECULAR STUDIES OF RETROVIRAL ONCOGENESIS	72,201
INSTITUTION TOTAL	1		72,201
CITY TOTAL	1		72,201
STATE TOTAL	7		533,043
<b>COLORADO</b>			
<b>DENVER</b>			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER			
1K08 AR01860-01	BRICE, SYLVIA L	IMMUNOPATHOGENESIS OF RECURRENT APHTHOUS STOMATITIS	75,389
INSTITUTION TOTAL	1		75,389
CITY TOTAL	1		75,389
STATE TOTAL	1		75,389
<b>CONNECTICUT</b>			
<b>NEW HAVEN</b>			
YALE UNIVERSITY			
1K11 DK02018-01	BOLLEKENS, JACQUES A	HOMEBOX GENES IN HEMATOPOIESIS	85,601
1K11 DK02030-01	FALLON, MICHAEL B	TIGHT JUNCTION IN CHOLESTASIS--A MOLECULAR APPROACH	81,391
1K08 DK02015-01	SOMLO, STEFAN	CLONING OF A SECOND LOCUS (PKD2) FOR POLYCYSTIC DISEASE	92,340
INSTITUTION TOTAL	3		259,332
CITY TOTAL	3		259,332
STATE TOTAL	3		259,332
<b>FLORIDA</b>			
<b>TAMPA</b>			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA			
1K11 EY00316-01	BECK, ROY W	EPIDEMIOLOGY AND BIOSTATISTICS TRAINING	86,784

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
INSTITUTION TOTAL	1		86,784
CITY TOTAL	1		86,784
STATE TOTAL	1		86,784
 GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
1K08 NS01483-01	BARFIELD, JAMES A	GENERATION OF CELL DIVERSITY IN THE CEREBRAL CORTEX	75,518
INSTITUTION TOTAL	1		75,518
CITY TOTAL	1		75,518
STATE TOTAL	1		75,518
 ILLINOIS			
CHICAGO			
UNIVERSITY OF ILLINOIS AT CHICAGO			
1K04 HD00900-01	KRAMER, JAMES M	MOLECULAR GENETIC STUDIES OF C ELEGANS MORPHOGENESIS	63,398
INSTITUTION TOTAL	1		63,398
CITY TOTAL	1		63,398
 EVANSTON			
EVANSTON HOSPITAL			
1K08 NS01498-01	TROMMER, BARBARA L	LONG-TERM POTENTIATION IN DEVELOPING HIPPOCAMPUS	74,520
INSTITUTION TOTAL	1		74,520
 NORTHWESTERN UNIVERSITY			
1K04 HD00920-01	MAYO, KELLY E	MOLECULAR BIOLOGY OF HORMONES THAT REGULATE REPRODUCTION	64,260
INSTITUTION TOTAL	1		64,260
CITY TOTAL	2		138,780
STATE TOTAL	3		202,178
 INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1K11 DE00310-01	DAVIS, JACQUELINE K	ROLE--T-CELL IN PATHOGENESIS OF TMJ RHEUMATOID ARTHRITIS	62,693
INSTITUTION TOTAL	1		62,693



NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CITY TOTAL	1		62,693
STATE TOTAL	1		62,693
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
1K08 NS01505-01	PETTIGREW, LUTHER C	EICOSANOIDS MEDIATE EFFECTS OF PAF IN CEREBRAL ISCHEMIA	75,627
INSTITUTION TOTAL	1		75,627
CITY TOTAL	1		75,627
STATE TOTAL	1		75,627
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
1K08 NS01433-01A1	CLARK, GARY D	CALCIUM DEPENDENT REGULATION OF NMDA CURRENTS	78,840
1K11 HD00880-01A1	LARSON, JANET E	REVERSE GENETIC ANALYSIS IN TISSUE INJURY	71,805
INSTITUTION TOTAL	2		150,645
CITY TOTAL	2		150,645
STATE TOTAL	2		150,645
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1K11 AG00516-01	CHOI, AUGUSTINE M	GENETIC RESPONSES OF THE AGING LUNG TO OXIDATIVE STRESS	78,905
1K08 NS01504-01	GEORGE, EDWIN B	AXON REGENERATION AND THE CYTOSKELETON	79,110
INSTITUTION TOTAL	2		158,015
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL			
1K04 DK02019-01	GREGERSON, KAREN A	MECHANISMS IN THE REGULATION OF PROLACTIN SECRETION	69,105
INSTITUTION TOTAL	1		69,105
CITY TOTAL	3		227,120
STATE TOTAL	3		227,120

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
MASSACHUSETTS			
BETH ISRAEL HOSPITAL			
1K08 HL02564-01	FREDERICH, ROBERT C	FAT-DERIVED ANGIOTENSINOGEN & HYPERTENSION OF THE OBESE	53,000
INSTITUTION TOTAL	1		53,000
DANA-FARBER CANCER INSTITUTE			
1K11 CA01467-01A2	FINE, HOWARD A	ROLE OF HTLV-1 X-REGION IN CELLULAR TRANSFORMATION	89,582
1K08 AI01017-01	GABUZDA, DANA H	FUNCTION OF THE HIV-1 ENVELOPE GLYCOPROTEIN C-TERMINUS	65,172
INSTITUTION TOTAL	2		154,754
HARVARD UNIVERSITY			
1K08 AG00499-01	BRANDEIS, GABRIEL H	URINARY INCONTINENCE IN FRAIL ELDERLY WOMEN	72,470
1K08 NS01488-01	SEGAL, ROSALIND A	DIFFERENTIATION MECHANISMS IN RETINAL STEM CELLS	57,350
1K04 DE00318-01	WONG, DAVID T	MOLECULAR DETERMINANTS OF ORAL CARCINOGENESIS	66,690
INSTITUTION TOTAL	3		196,510
MASSACHUSETTS GENERAL HOSPITAL			
1K08 NS01497-01	DAVAR, GUDARZ	NMDA RECEPTOR AND OPIOID EFFECTS IN PAINFUL NEUROPATHY	77,366
1K08 HD00938-01	ISRAEL, ESTHER J	THE FC RECEPTOR OF THE HUMAN FETAL INTESTINE	77,366
1K08 DK02010-01	RUSSELL, GARY J	DEFINING MUCOSAL LYMPHOCYTE SUBPOPULATION	88,166
INSTITUTION TOTAL	3		242,898
CITY TOTAL	9		647,162
STATE TOTAL	9		647,162
MICHIGAN			
DETROIT			
WAYNE STATE UNIVERSITY			
1K04 HG00004-01	BHAGWAT, ASHOK S	DNA CYTOSINEMETHYLATION: MECHANISM AND CONSEQUENCES	65,610
INSTITUTION TOTAL	1		65,610
CITY TOTAL	1		65,610
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
1K11 AI01019-01	KRON, MICHAEL A	IMMUNE RESPONSES TO ONCHOCERCA VOLVULUS IN ECUADOR	77,974
1K04 HD00950-01	SISK, CHERYL L	NEURAL AND HORMONAL INTERACTIONS DURING PUBERTY	66,979
INSTITUTION TOTAL	2		144,953
CITY TOTAL	2		144,953

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
STATE TOTAL	3	210,563	
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1K08 HD00955-01	HAUFT, SHERRIE M	MOLECULAR BIOLOGY OF GUT DEVELOPMENT/DIFFERENTIATION	72,711
INSTITUTION TOTAL	1	72,711	
CITY TOTAL	1	72,711	
STATE TOTAL	1	72,711	
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH--WADSWORTH CENTER FOR LABORATORIES AND RESEARCH			
1K11 DK02031-01	LUIDENS, MARY K	TRANSCRIPTIONAL REGULATION BY STEROID HORMONE RECEPTORS	74,628
INSTITUTION TOTAL	1	74,628	
CITY TOTAL	1	74,628	
NEW YORK			
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1K08 AR01838-01A1	PRYSTOWSKY, JANET H	REGULATION OF ORNITHINE DECARBOXYLASE IN HUMAN SKIN	76,464
INSTITUTION TOTAL	1	76,464	
YESHIVA UNIVERSITY			
1K08 NS01484-01	ROSENBAUM, DANIEL M	FREE RADICALS AND CEREBRAL ISCHEMIA	79,523
INSTITUTION TOTAL	1	79,523	
CITY TOTAL	2	155,987	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1K08 NS01487-01	GREENAMYRE, JOHN T	MECHANISMS OF SELECTIVE NEURONAL VULNERABILITY	78,516
INSTITUTION TOTAL	1	78,516	
CITY TOTAL	1	78,516	
WHITE PLAINS			
BURKE REHABILITATION CENTER			
1K08 AG00504-01	BLACK, RONALD S	STUDIES OF UBIQUITIN IN ALZHEIMER'S DISEASE	78,322

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RESEARCH CAREER PROGRAM AWARDS

DOLLARS  
AWARDED

PRINCIPAL AREA OF RESEARCH

AWARDEE

GRANT NUMBER

INSTITUTION TOTAL 1 78,322  
CITY TOTAL 1 78,322  
  
STATE TOTAL 5 387,453

NORTH CAROLINA  
CHAPEL HILL  
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL  
1K15 DE00325-01 COLLINS, JOHN G NEUTROPHIL-PLATELET INTERACTIONS IN PERIODONTAL DISEASE  
1K11 DE00300-01 LEVIN, LINDA G MECHANISMS REGULATING EXPRESSION OF TGF- $\beta$  MRNA  
1K11 DE00312-01 TENCZA, MICHAEL G RNASE H ACTIVITY ENCODED BY HEPADNAVIRUSES

61,571  
87,155  
83,915

INSTITUTION TOTAL 3 232,641  
CITY TOTAL 3 232,641  
  
STATE TOTAL 3 232,641

OHIO  
CINCINNATI  
UNIVERSITY OF CINCINNATI AT CINCINNATI  
1K04 AR01841-01A1 KIRLEY, TERENCE L CHARACTERIZATION OF TRANSVERSE TUBULE MG2+-ATPASE  
1K07 AG00466-01 WARSHAW, GREGG A GERIATRIC LEADERSHIP ACADEMIC AWARD

62,472  
86,242

INSTITUTION TOTAL 2 148,714  
CITY TOTAL 2 148,714  
  
STATE TOTAL 2 148,714

OREGON  
EUGENE  
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON  
1K04 NS01476-01 EISEN, JUDITH S NEURONAL PATHFINDING BY IDENTIFIED MOTONEURONS

68,267

INSTITUTION TOTAL 1 68,267  
CITY TOTAL 1 68,267

PORTLAND  
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY  
1K08 DK02035-01 STORK, PHILIP J CLONING OF THE CATECHOLAMINE UPTAKE TRANSPORTER

94,500

INSTITUTION TOTAL 1 94,500  
CITY TOTAL 1 94,500

NIH RESEARCH CAREER PROGRAM AWARDS			DOLLARS AWARDED
GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	
STATE TOTAL	2	162,767	
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1K08 DK02017-01 WAYBILL, MARY M		INTRACELLULAR CALCIUM IN MESANGIAL CELL GROWTH	91,908
INSTITUTION TOTAL	1	91,908	
CITY TOTAL	1	91,908	
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
1K08 AR01862-01 GEORGE, ALFRED L		HUMAN MUSCLE SODIUM CHANNELS IN PERIOD PARALYSIS	21,175
INSTITUTION TOTAL	1	21,175	
CITY TOTAL	1	21,175	
STATE TOTAL	2	113,083	
TEXAS			
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION			
1K04 AG00465-01 JOHNSON, LARRY		BIOLOGY OF THE AGING HUMAN TESTIS	69,120
INSTITUTION TOTAL	1	69,120	
CITY TOTAL	1	69,120	
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS			
1K01 RR00066-01 FELDMAN, SANFORD H		RESPONSE TO NEUROTOXINS OF MIDBRAIN DOPAMINERGIC NEURONS	67,889
INSTITUTION TOTAL	1	67,889	
CITY TOTAL	1	67,889	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH			
1K04 DC00052-01 KEVETTER, GOLDA A		SUBSTRATES FOR VESTIBULAR SENSORY-MOTOR INTEGRATION	69,444
INSTITUTION TOTAL	1	69,444	
CITY TOTAL	1	69,444	



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RESEARCH CAREER PROGRAM AWARDS

DOLLARS  
AWARDED

PRINCIPAL AREA OF RESEARCH

AWARDEE

GRANT NUMBER

TEXAS

SAN ANTONIO

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

1K08 NS01470-01A1 BRY, ROBIN L AUTOIMMUNE NERVOUS SYSTEM DISEASE: B CELL REPERTOIRE

INSTITUTION TOTAL 1 80,460

CITY TOTAL 1 80,460

STATE TOTAL 4 286,913

80,460

UTAH

SALT LAKE CITY

UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH

1K11 HD00940-01 PTACEK, LOUIS J GENETIC LINKAGE AND ION CHANNELS IN PERIODIC PARALYSES

1K08 NS01492-01 VISKOCIL, DAVID H MOLECULAR GENETICS OF NEUROFIBROMATOSIS TYPE 1

INSTITUTION TOTAL 2 131,630

CITY TOTAL 2 131,630

STATE TOTAL 2 131,630

66,960  
64,670

VIRGINIA

CHARLOTTESVILLE

UNIVERSITY OF VIRGINIA CHARLOTTESVILLE

1K11 HL02592-01 HUMPHRIES, JOHN E HEPATIC MECHANISMS IN THE REGULATION OF FIBRINOLYSIS

INSTITUTION TOTAL 1 66,528

CITY TOTAL 1 66,528

STATE TOTAL 1 66,528

66,528

WASHINGTON

SEATTLE

UNIVERSITY OF WASHINGTON

1K08 DC00043-01A1 STRAND, EDYTHE A STUDIES IN DYSARTHRIA & INTELLIGIBILITY

INSTITUTION TOTAL 1 76,140

CITY TOTAL 1 76,140

STATE TOTAL 1 76,140

76,140

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1K08 HL02588-01	BADR, M SAFWAN	CHEMICAL INFLUENCES ON UPPER AIRWAY OBSTRUCTION IN SLEEP	79,974
INSTITUTION TOTAL	1	79,974	
CITY TOTAL	1	79,974	
STATE TOTAL	1	79,974	
TOTAL	61	4,510,948	

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